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Applicant: Holmes et al.  
Serial No.: 09/742,545  
Atty. Dkt. No.: 9D-HR-19396  
Title: REFRIGERATOR - ELECTRONICS ARCHITECTURE  
John S. Beulick; Armstrong Teasdale LLP, One Metropolitan Square,  
St. Louis, MO 63102 (314) 621-5070

# 9

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← TO  
FIG 16A

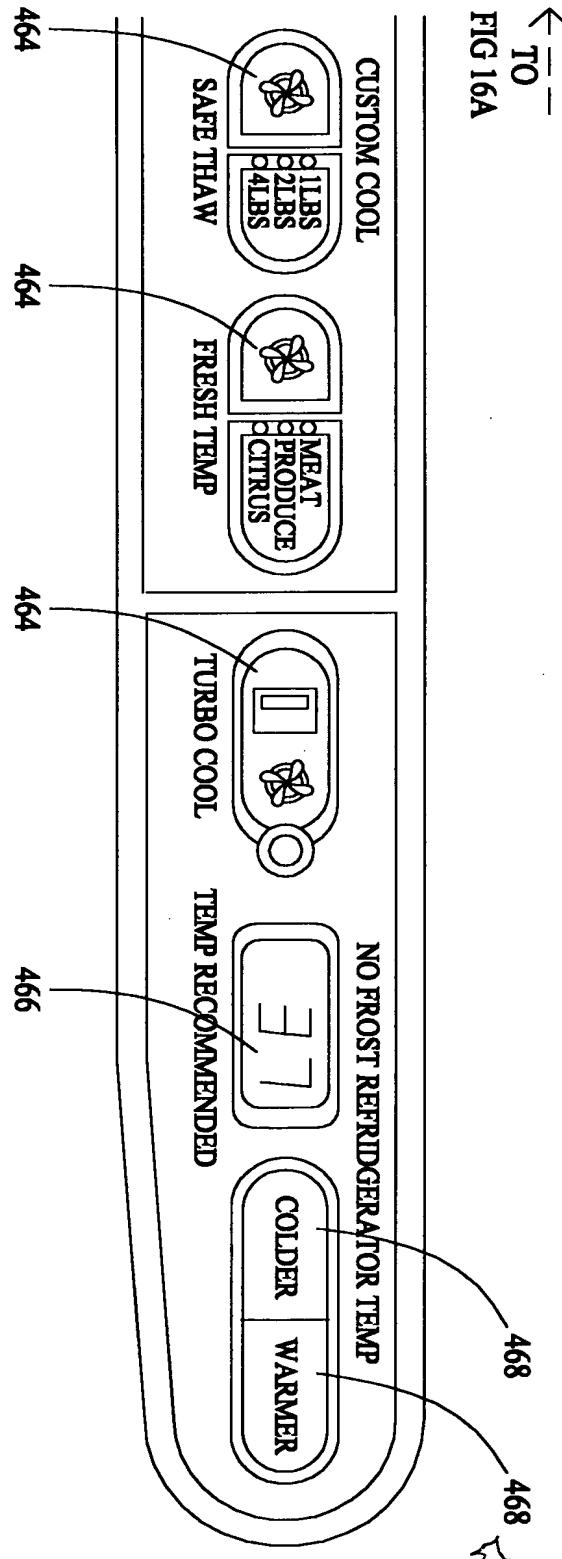


FIG. 16B

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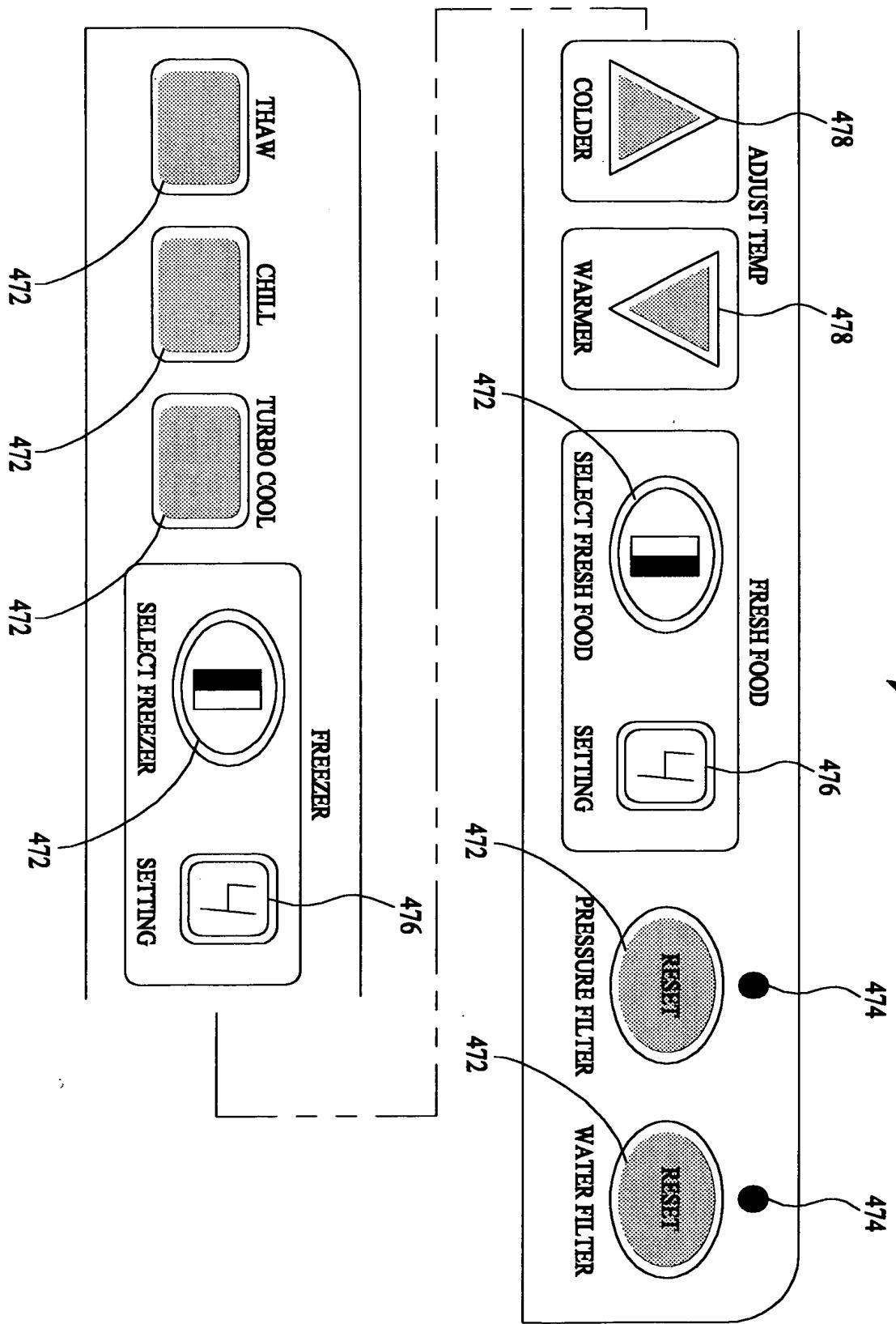
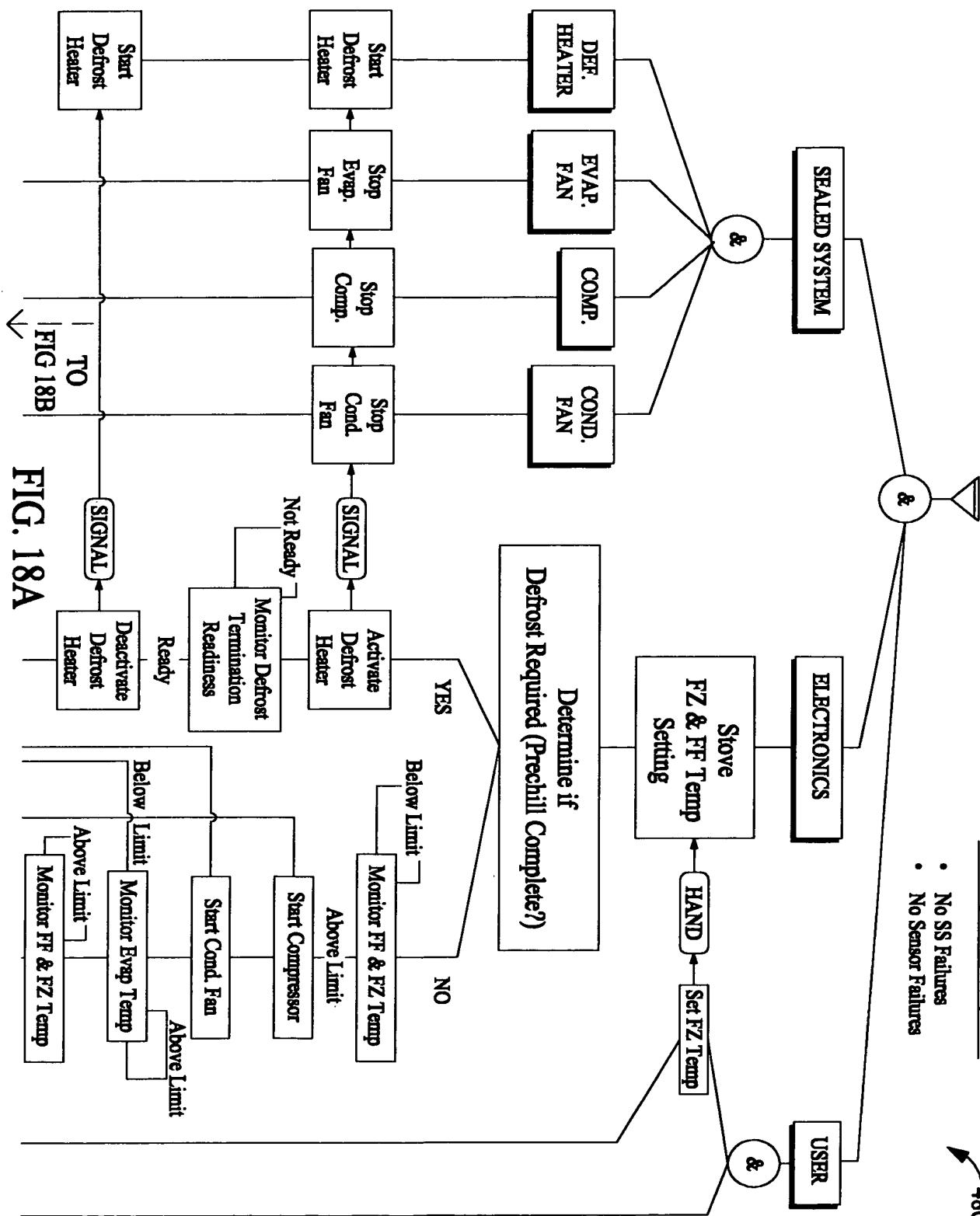


FIG. 17



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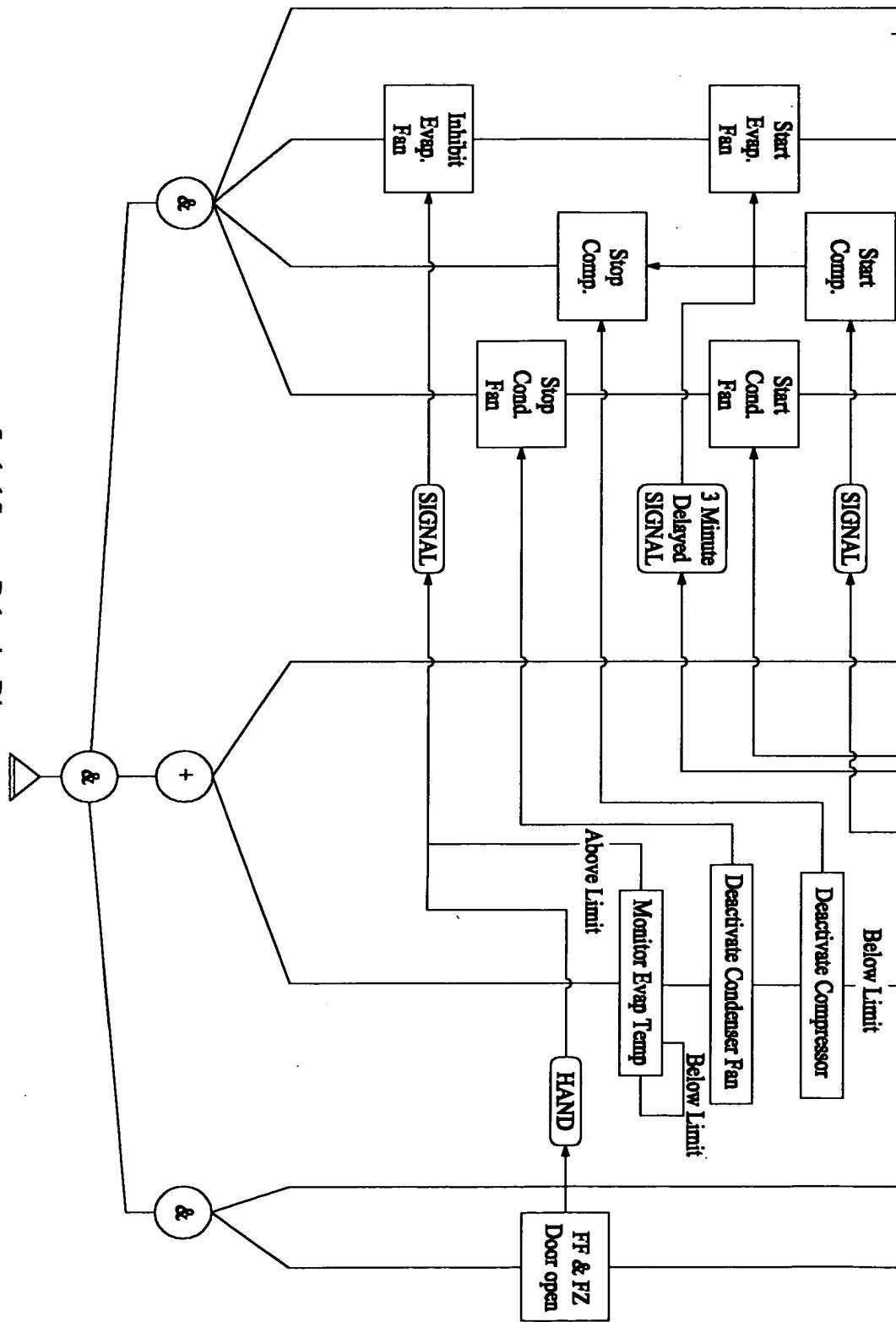




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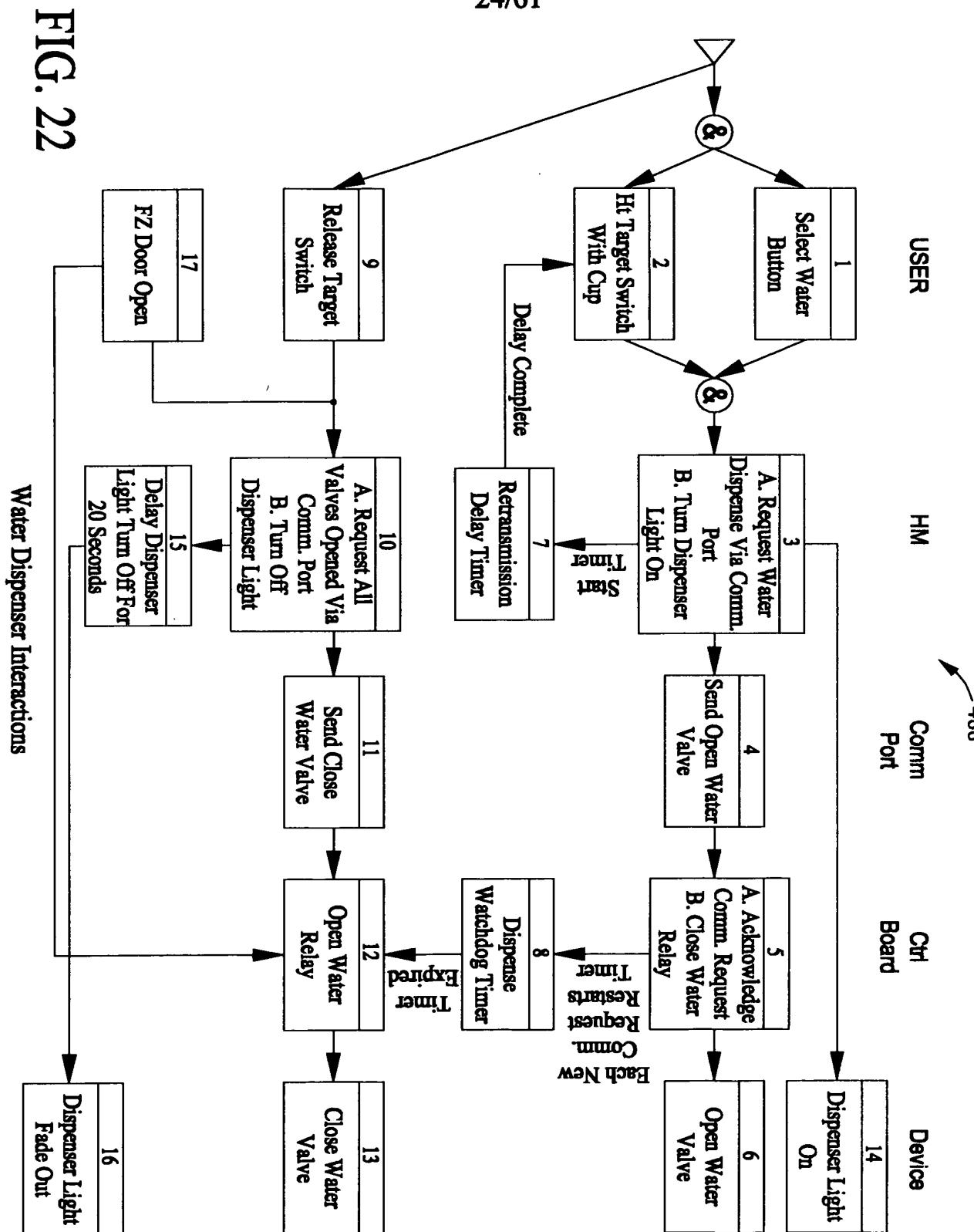
↑ TO  
| FIG 18A

Sealed System Behavior Diagram  
FIG. 18B





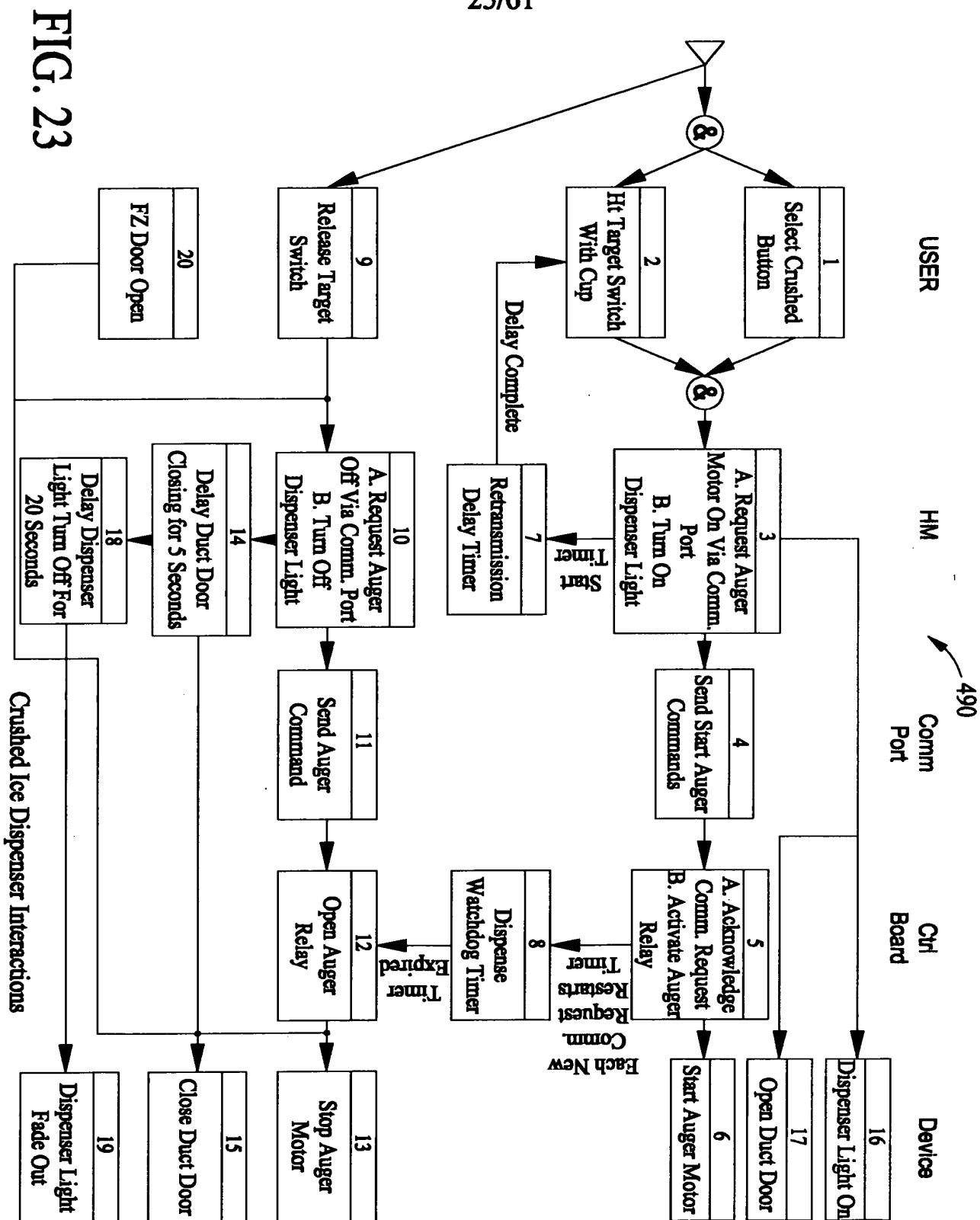
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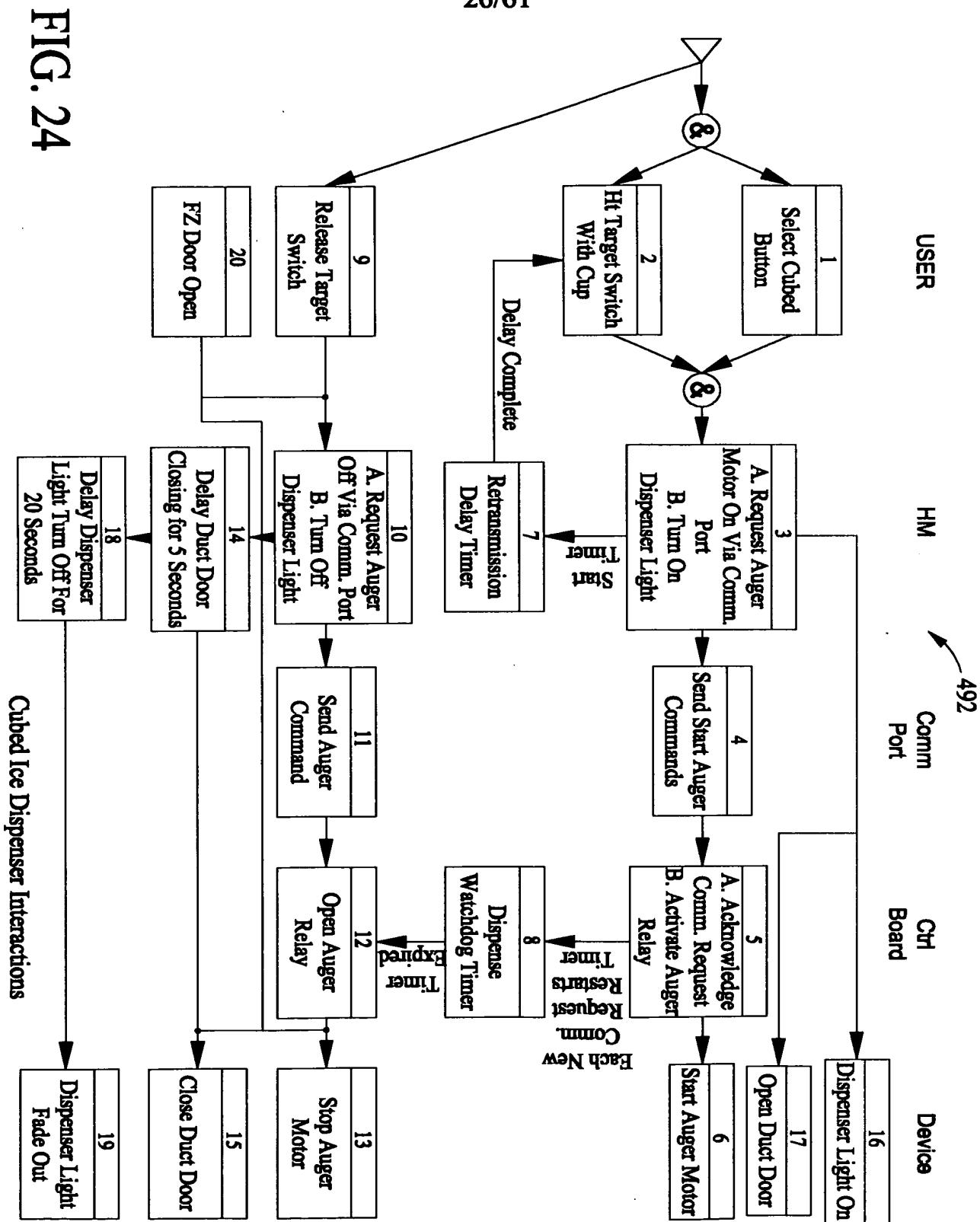
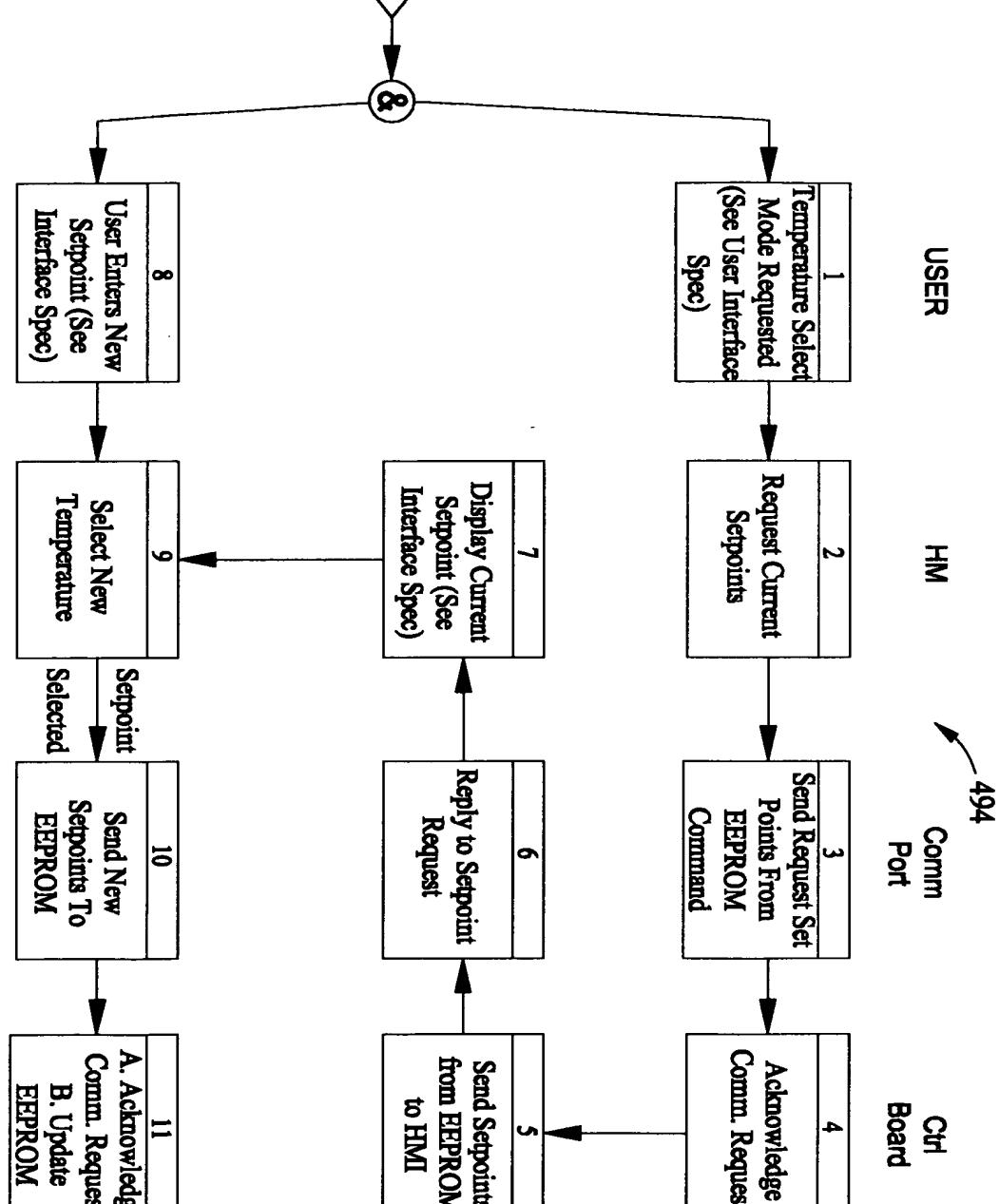


FIG. 24



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NOTE: Setpoint Selected implies that the final selection has been made and that the selection has timed out.

FIG. 25

Temperature Setting Interaction Diagrams

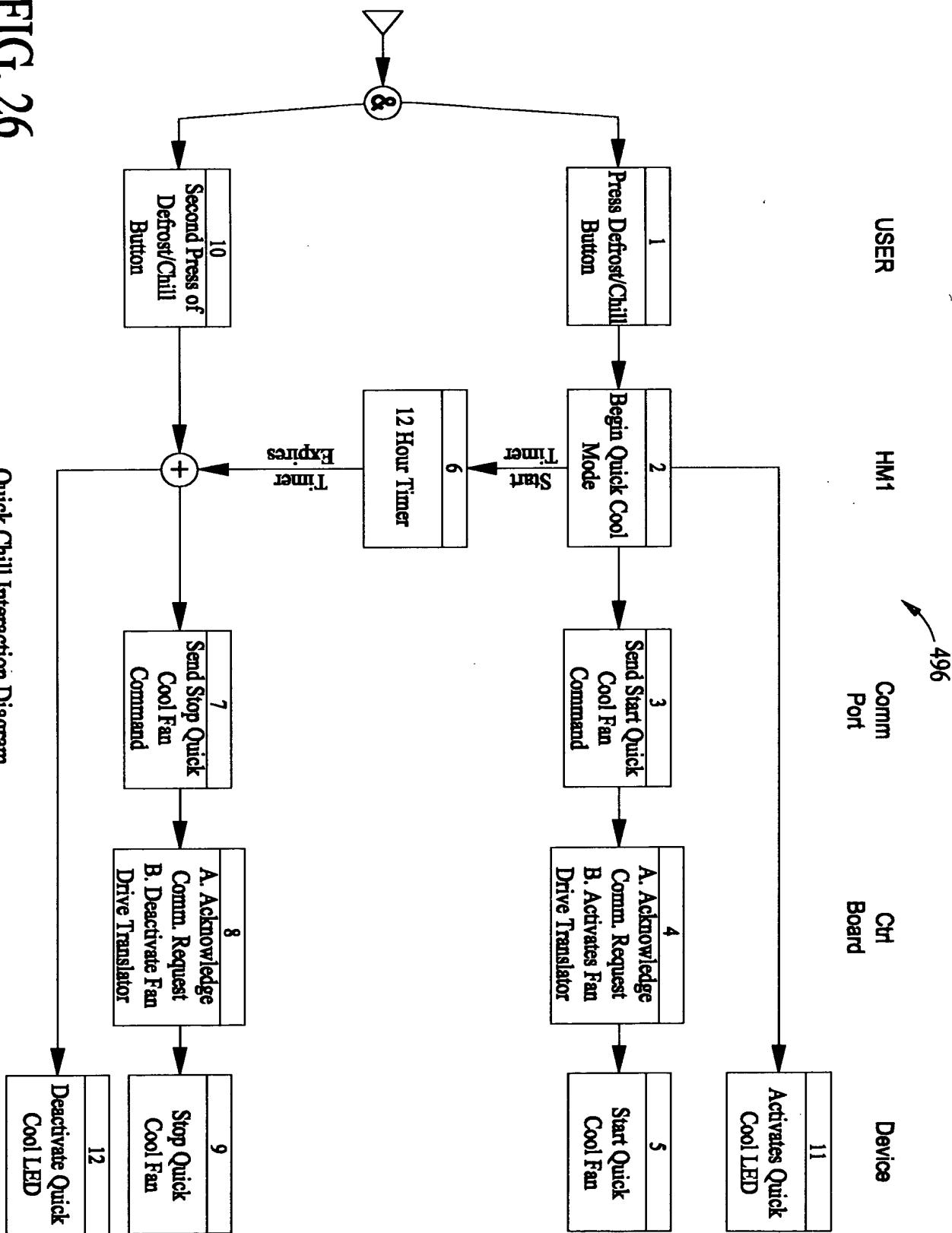
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FIG. 26

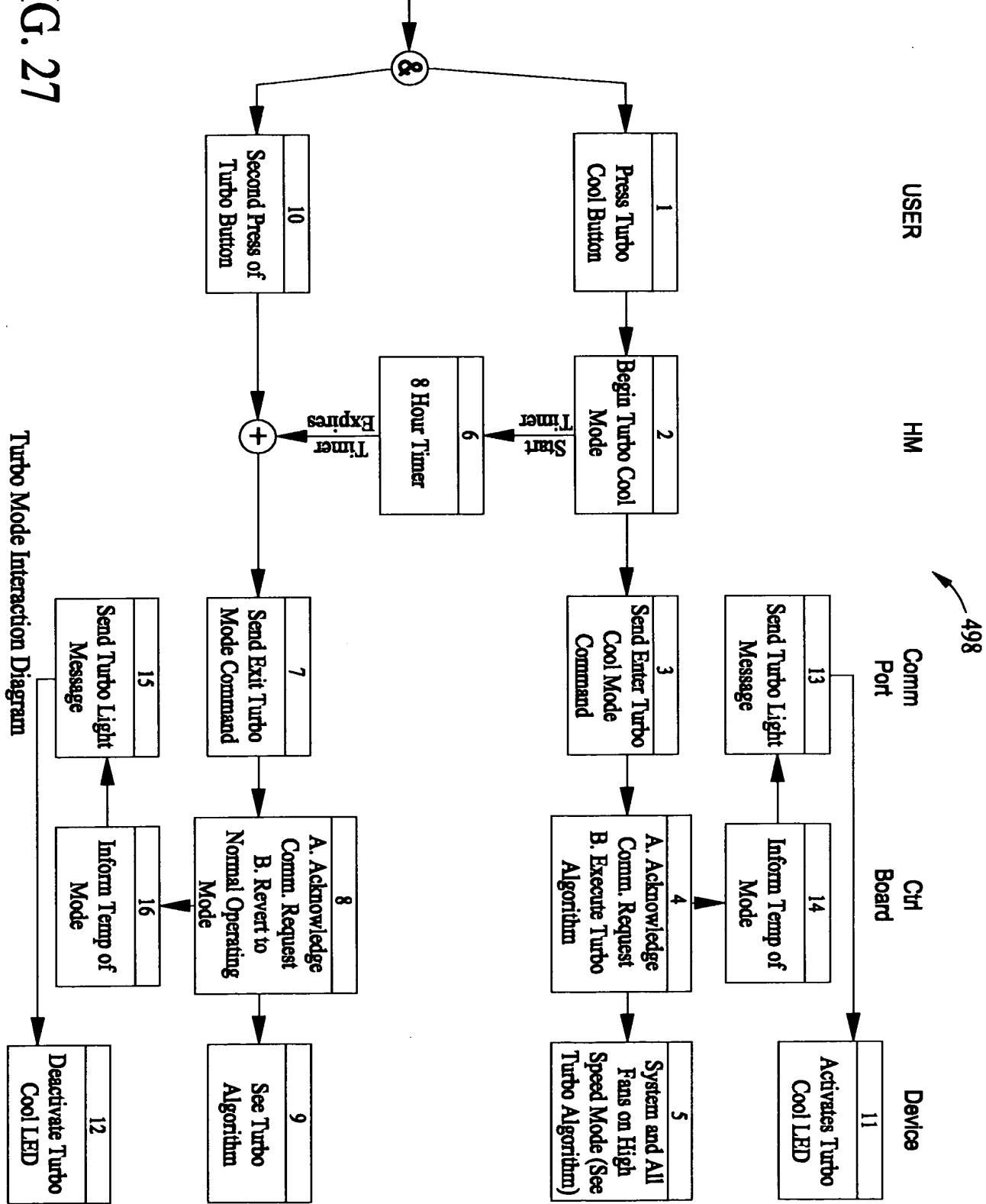
Quick Chill Interaction Diagram





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FIG. 27





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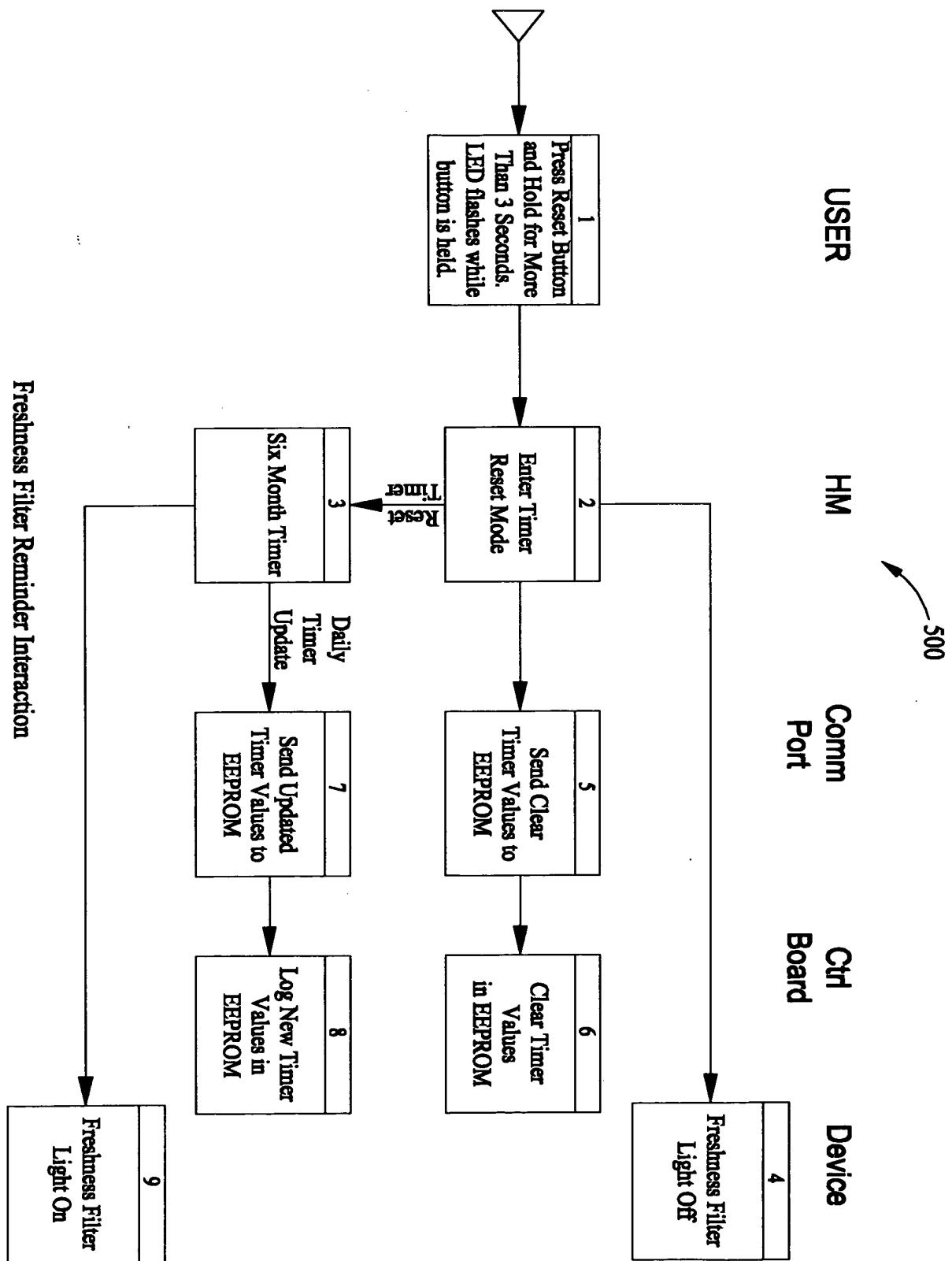
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## GENERATOR - ELECTRONICS ARCHITECTURE

Frank; Armstrong Teasdale LLP, One Metro

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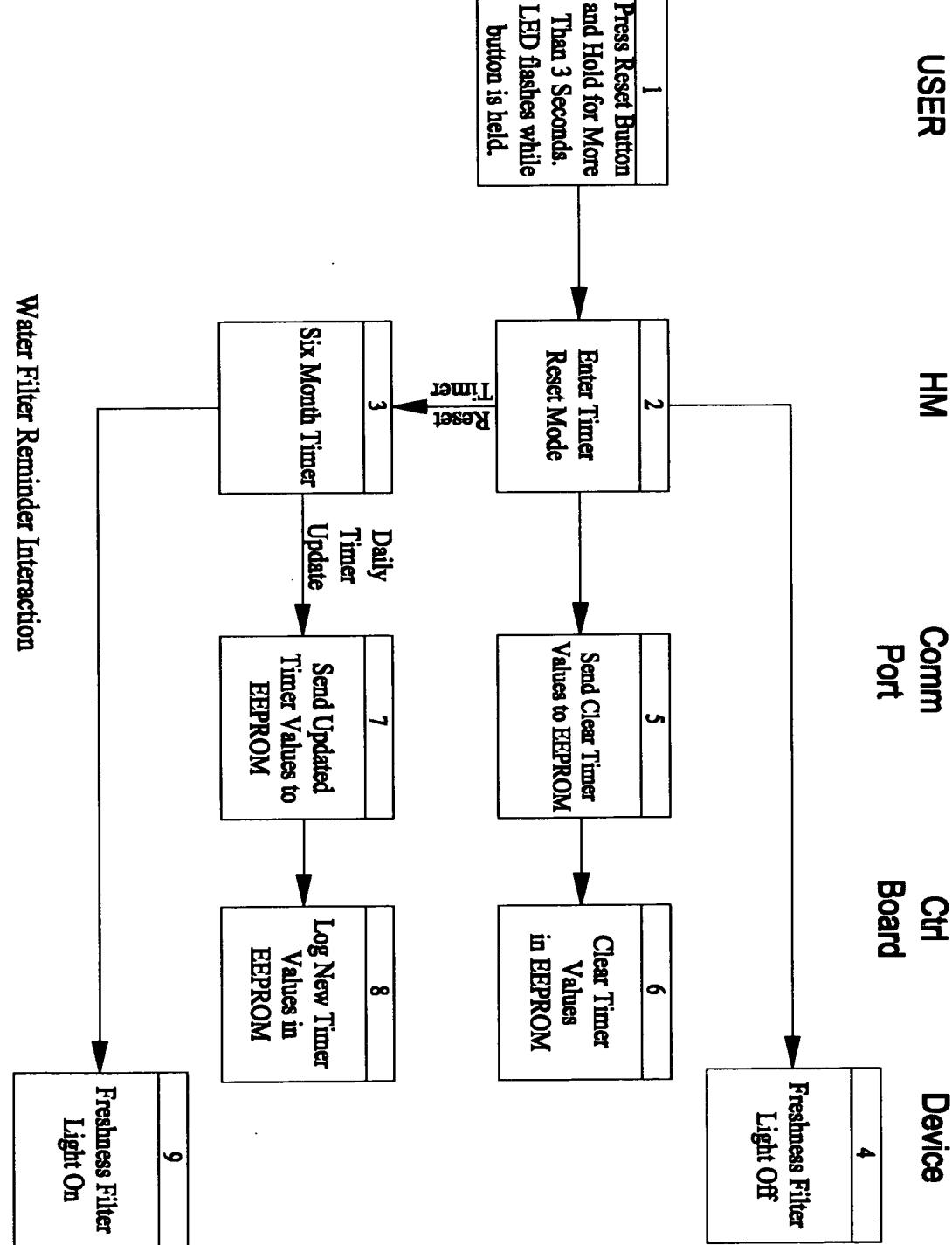


## Freshness Filter Reminder Interaction

FIG. 28

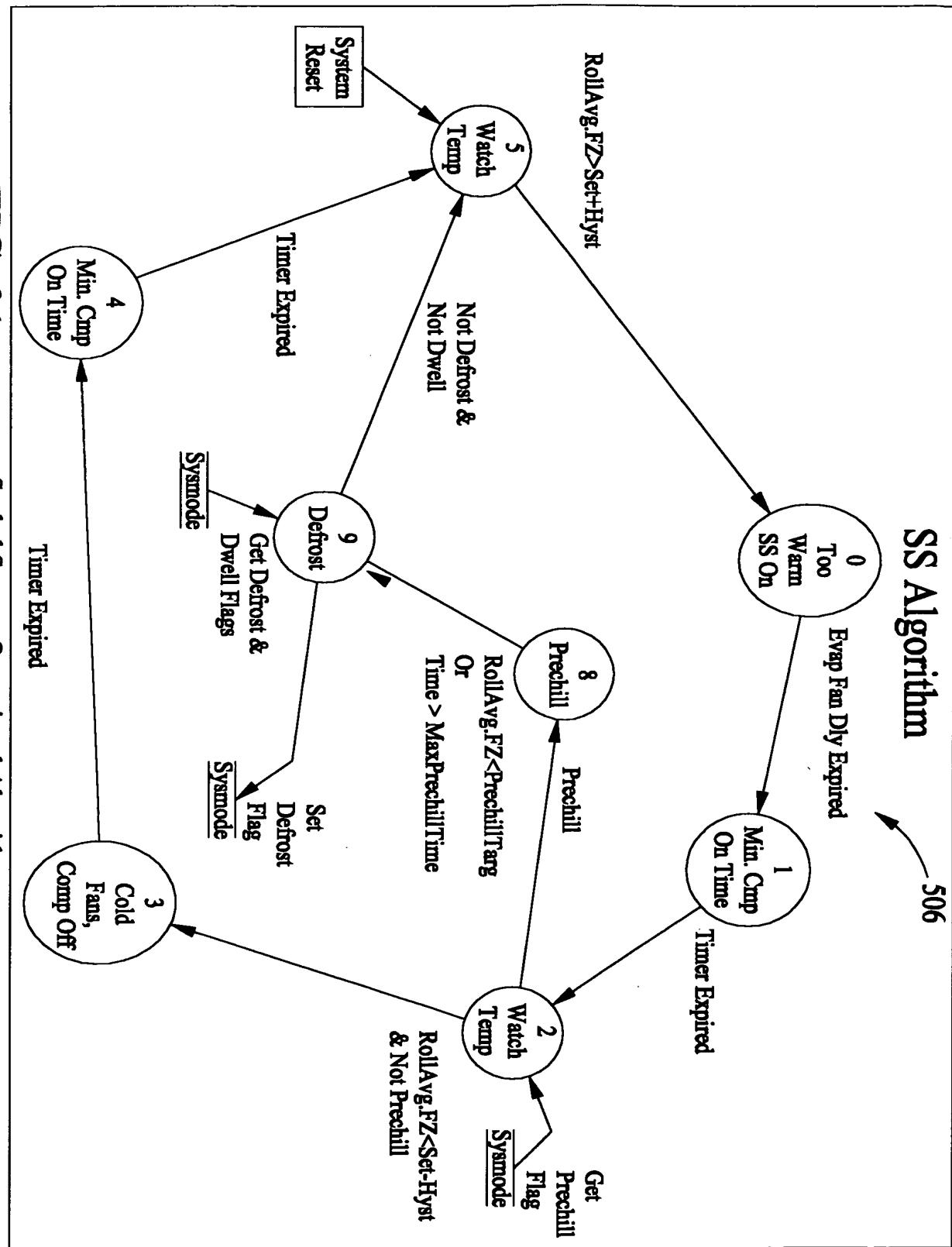


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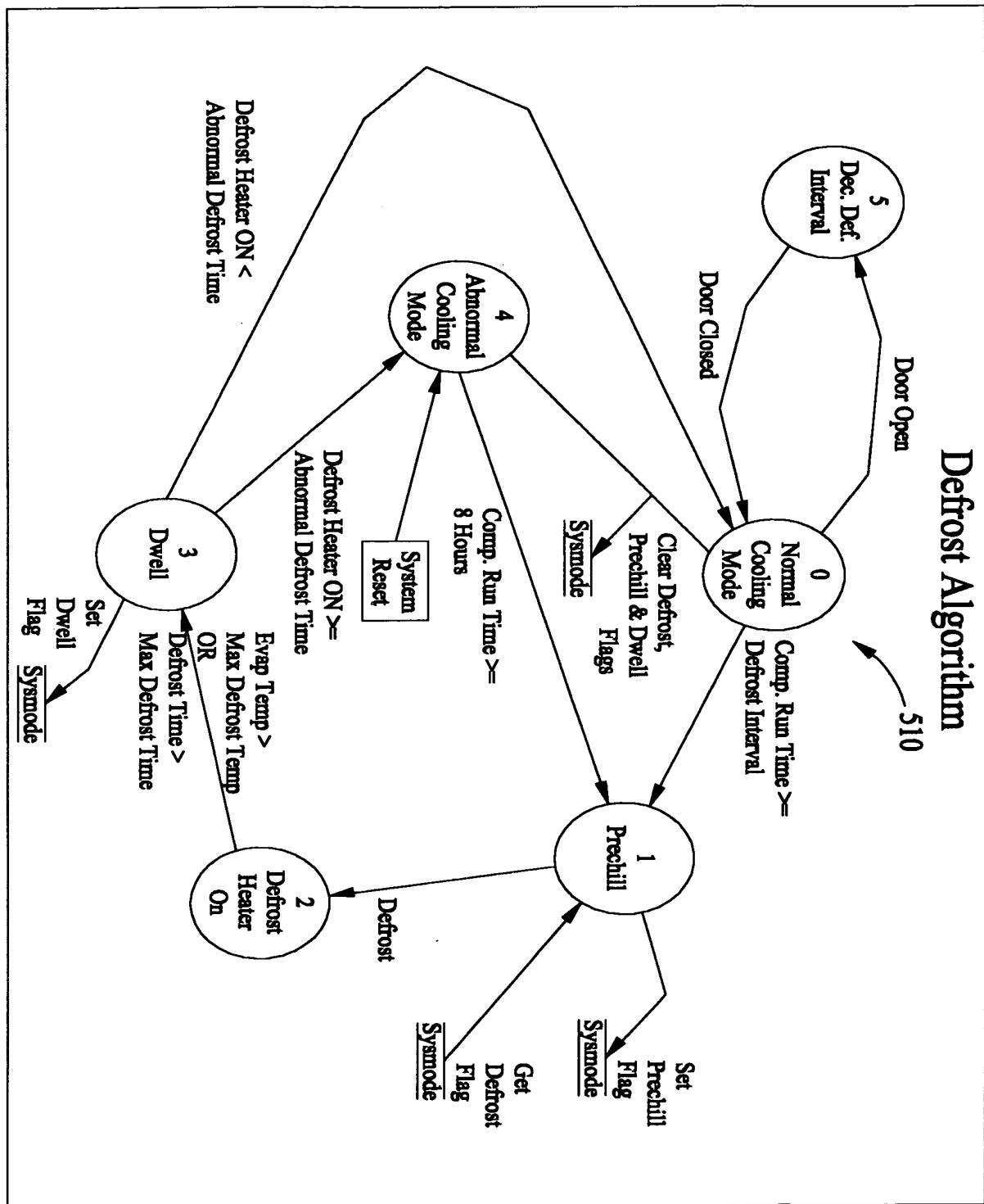


**FIG. 31** Sealed System Operational Algorithm



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### Defrost Algorithm



**FIG. 33** Defrost Control State Diagram



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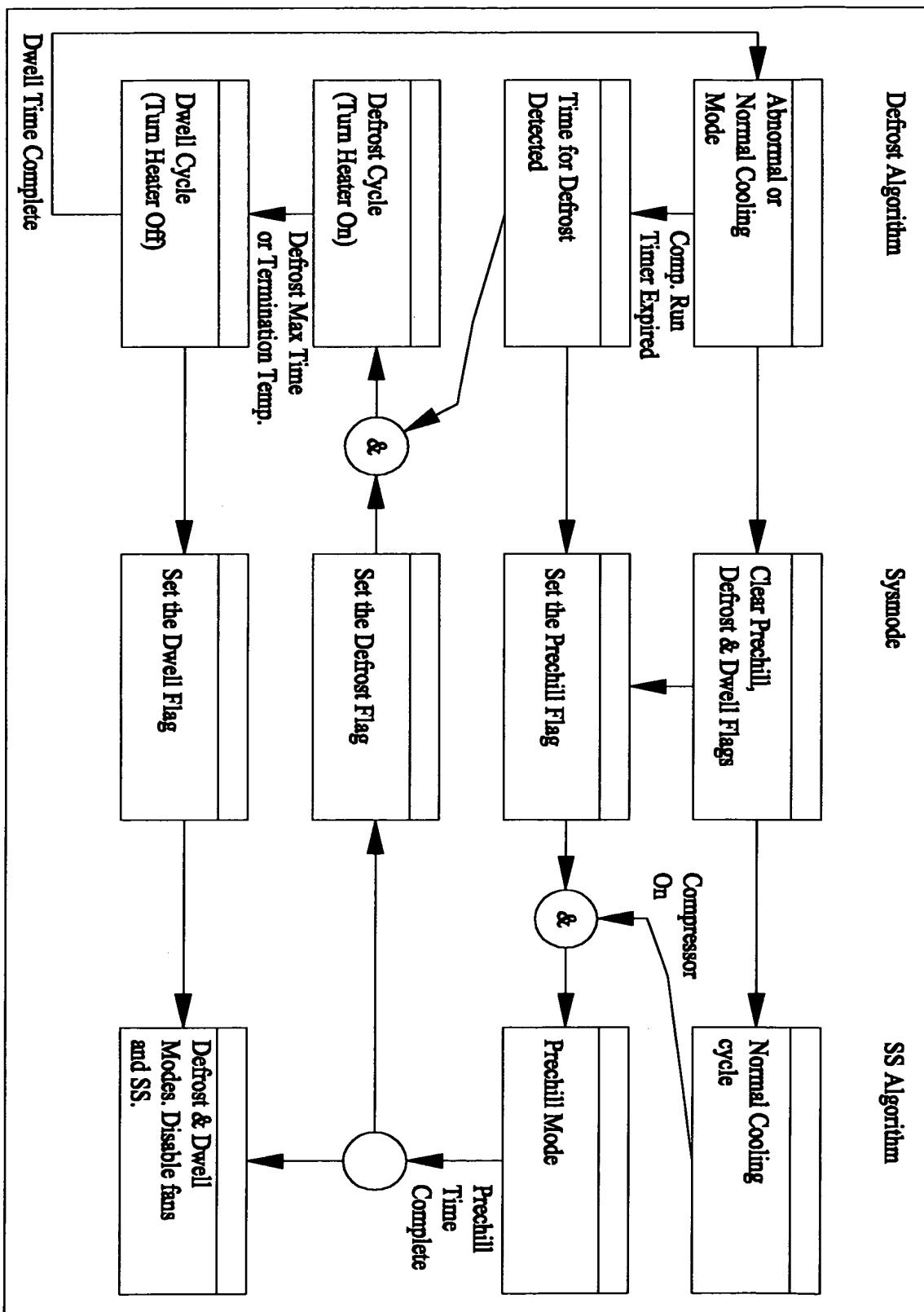
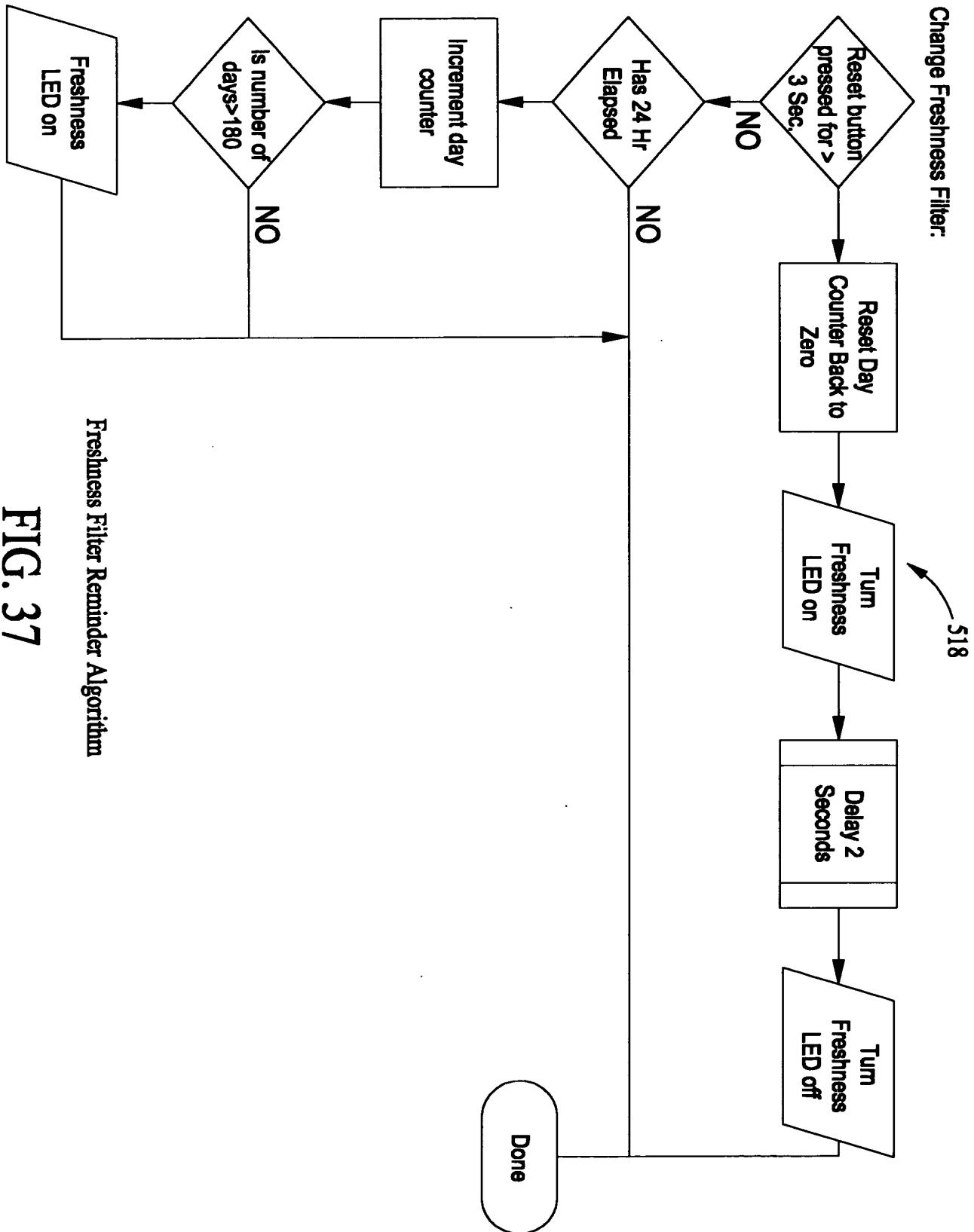


FIG. 34



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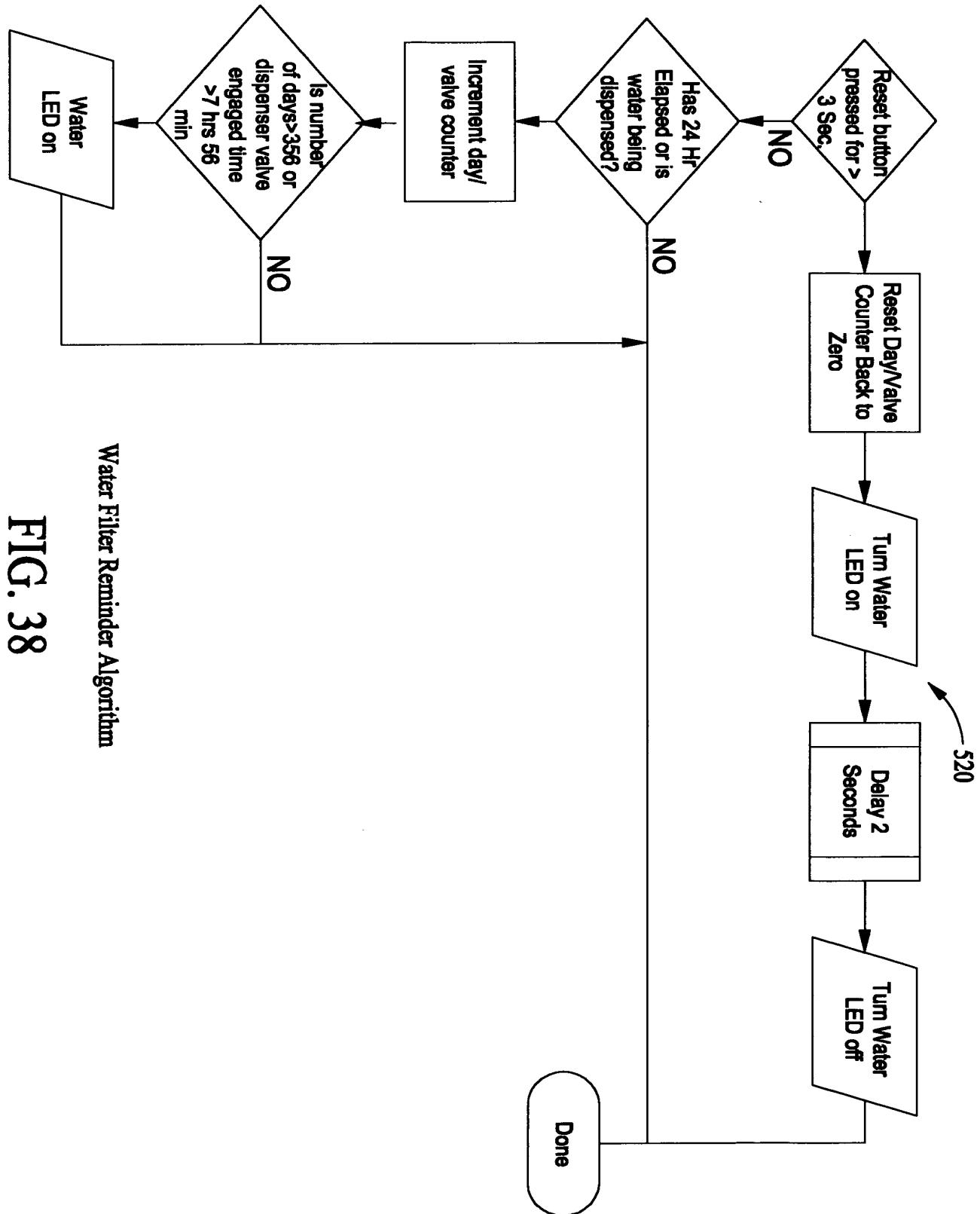
Freshness Filter Reminder Algorithm

FIG. 37



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Water Filter Reminder Algorithm

FIG. 38

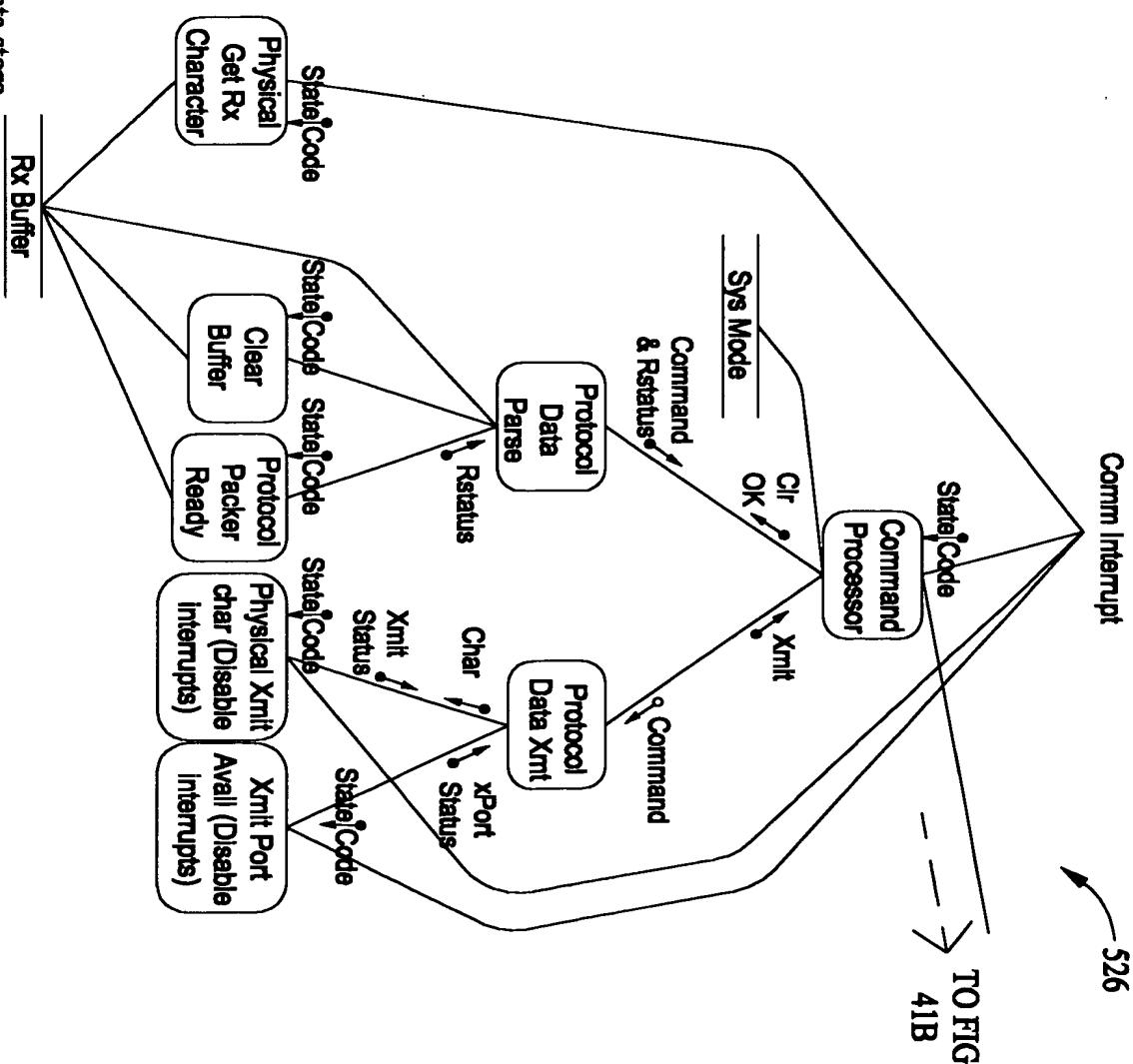


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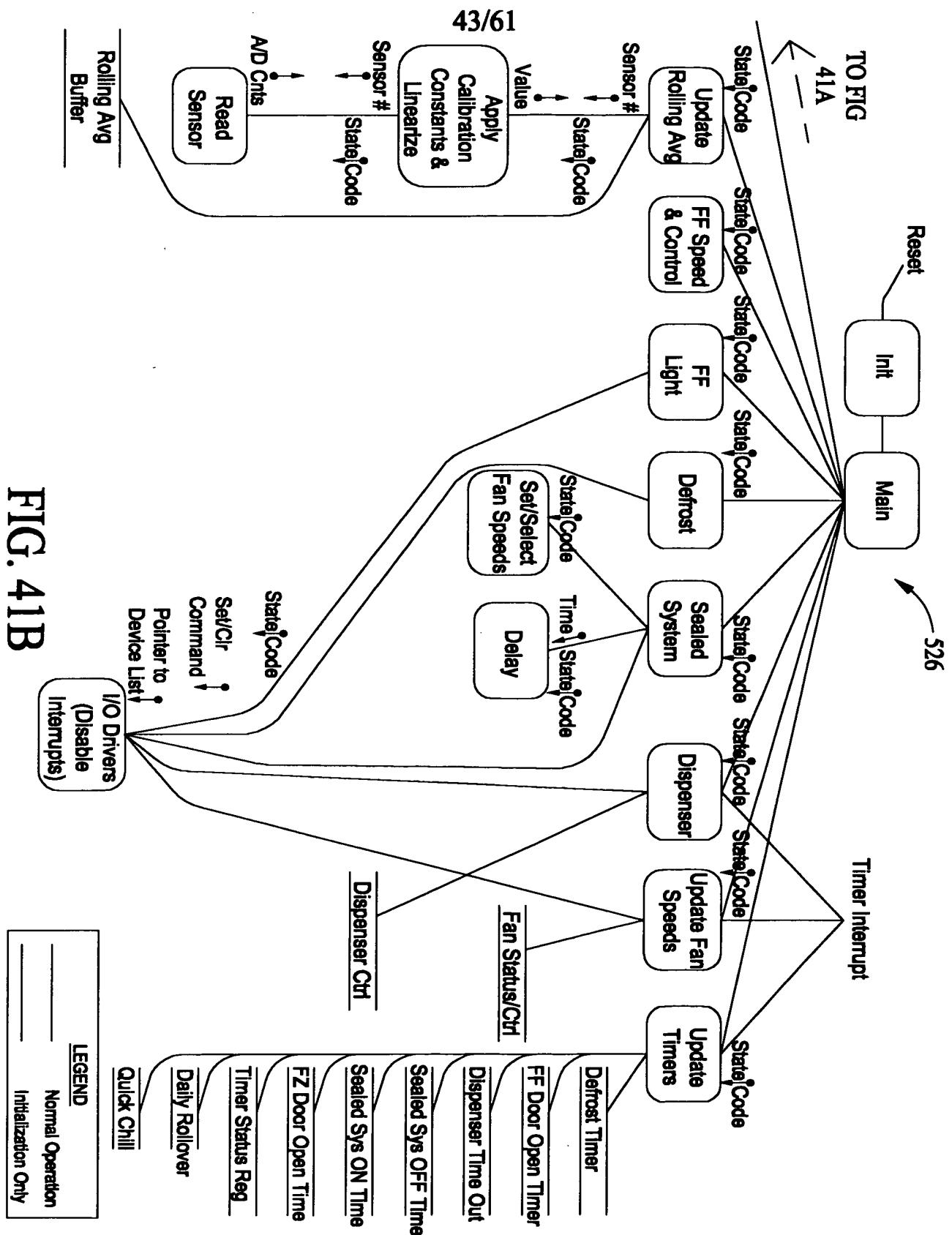
Note: Any Routine is allowed to read a data store  
 The command processor can read or write  
 any data store.  
 Dashed line indicates a path for initialization only

FIG. 41A





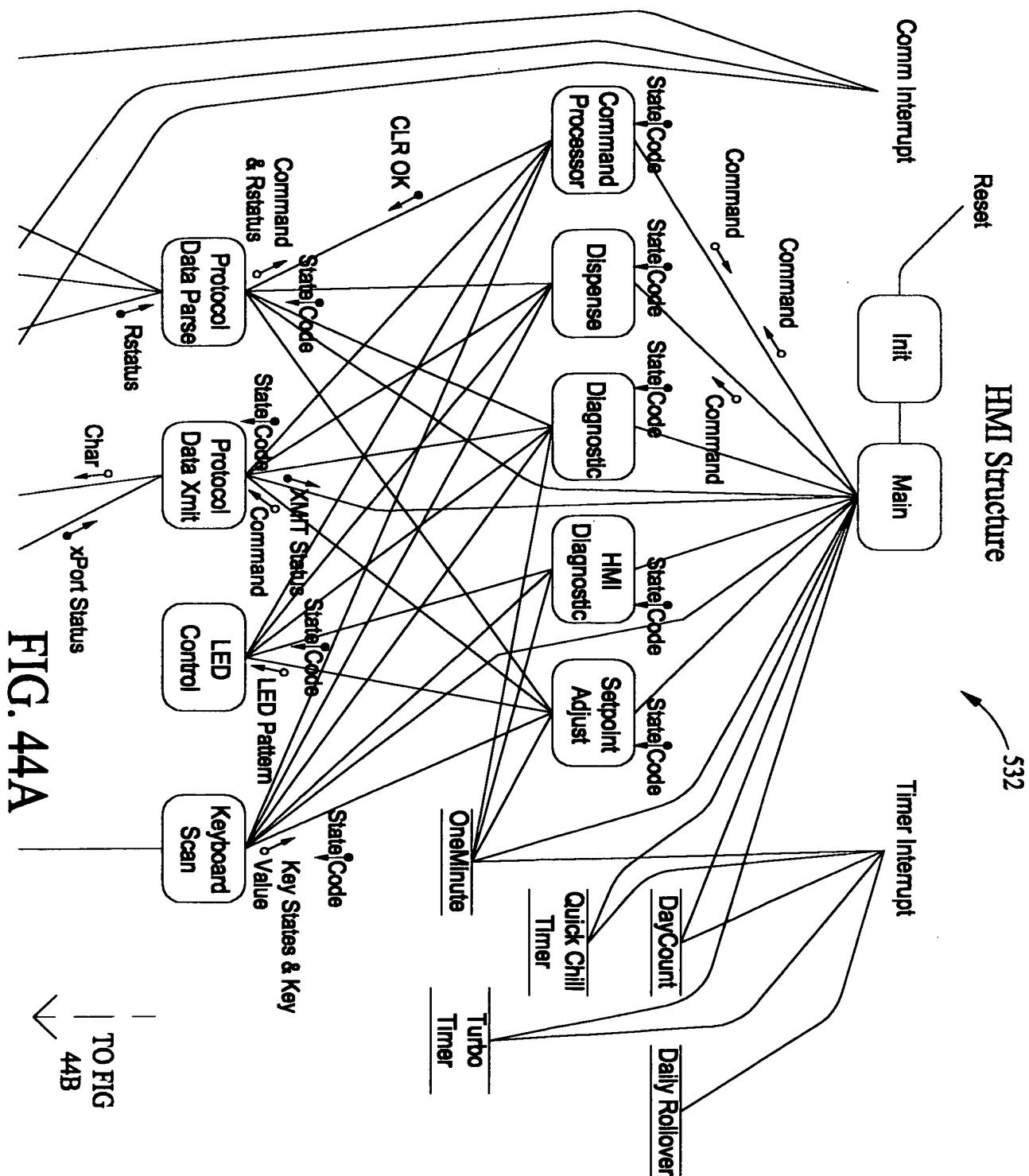
Applicant: Holmes et al.  
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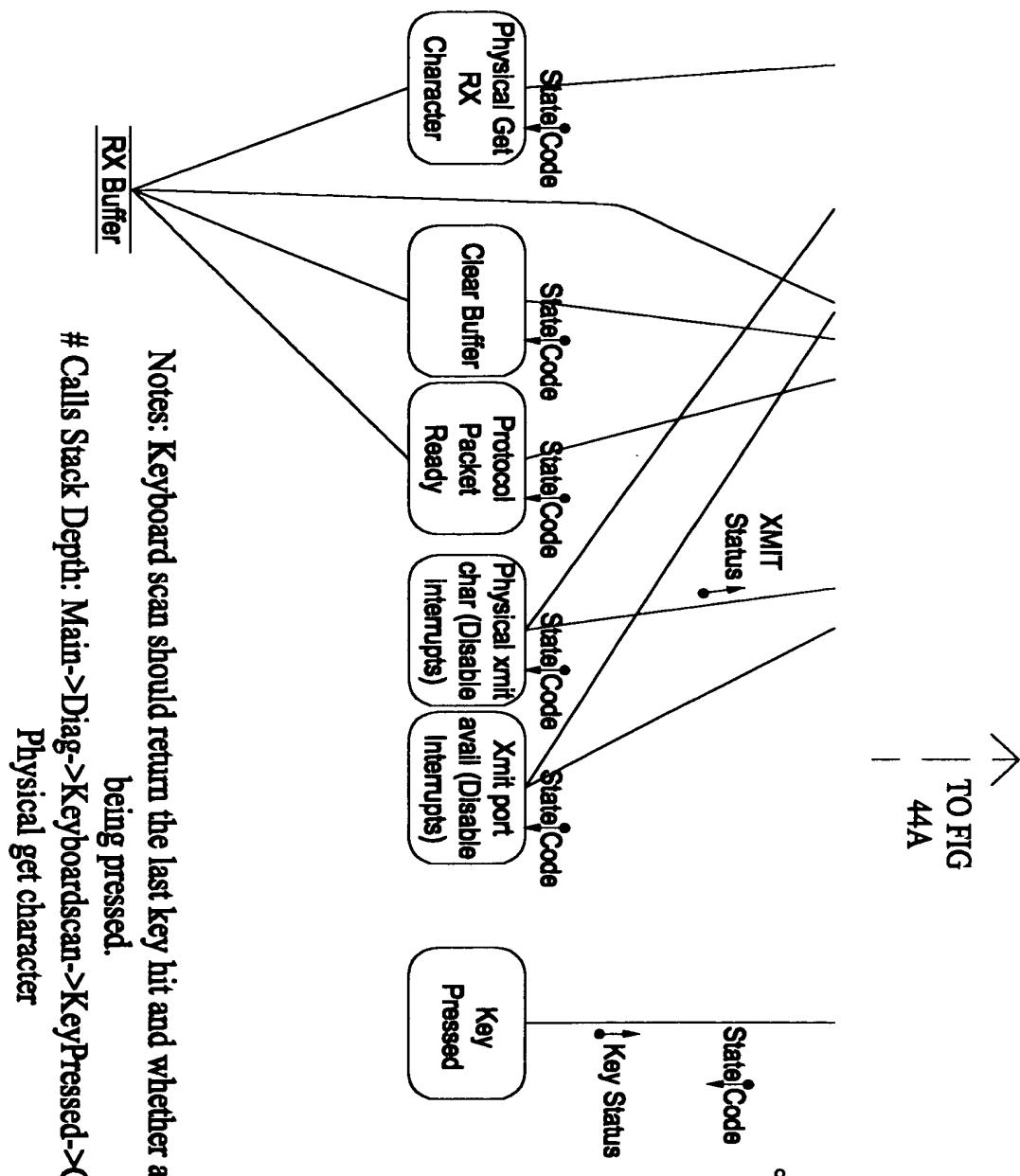


FIG. 44B



Applicant: Holmes et al.

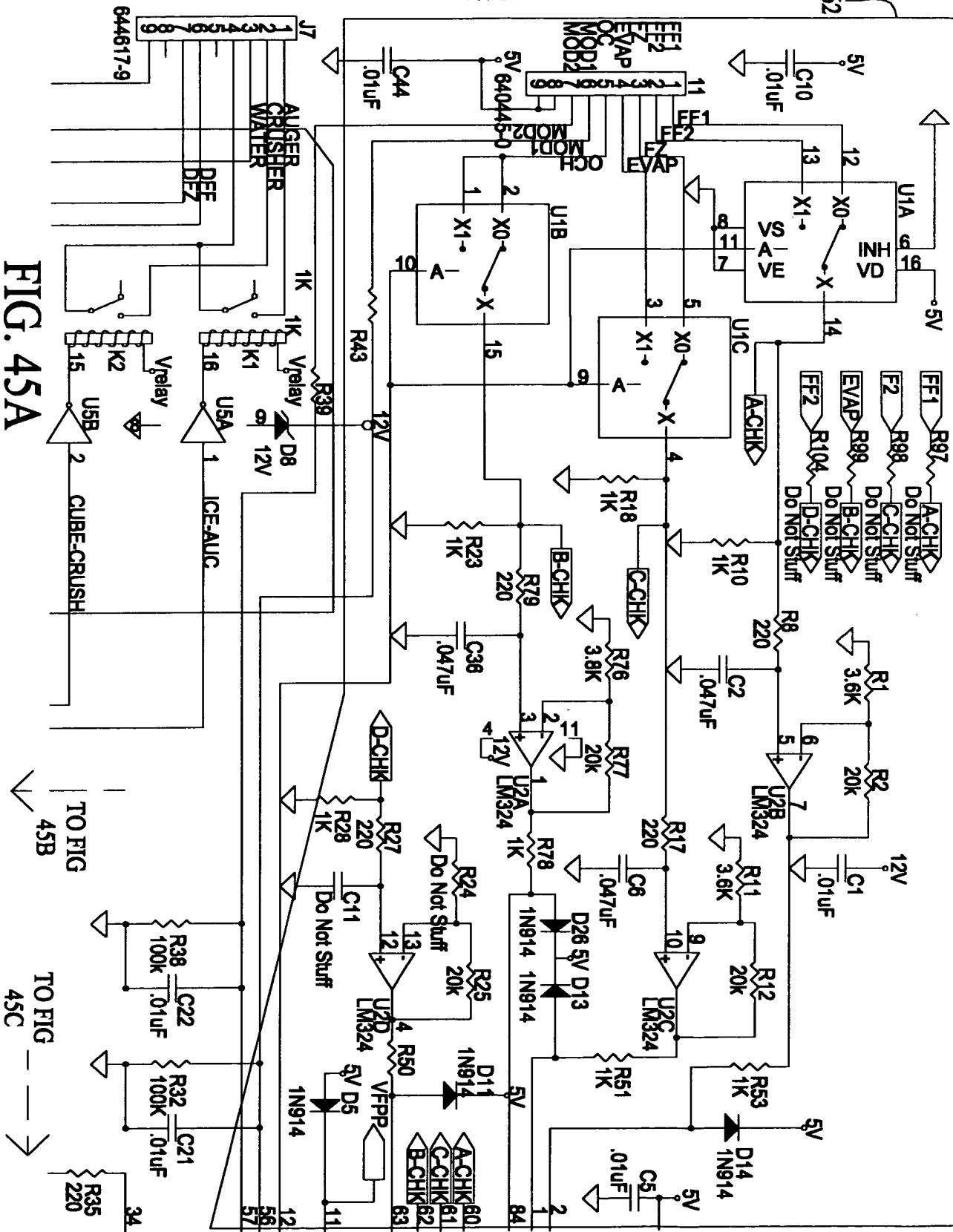
Serial No.: 09/742,545

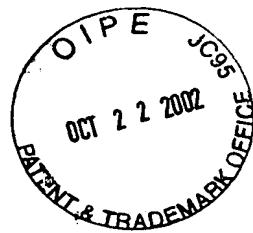
Atty. Dkt. No.: 9D-HR-19396

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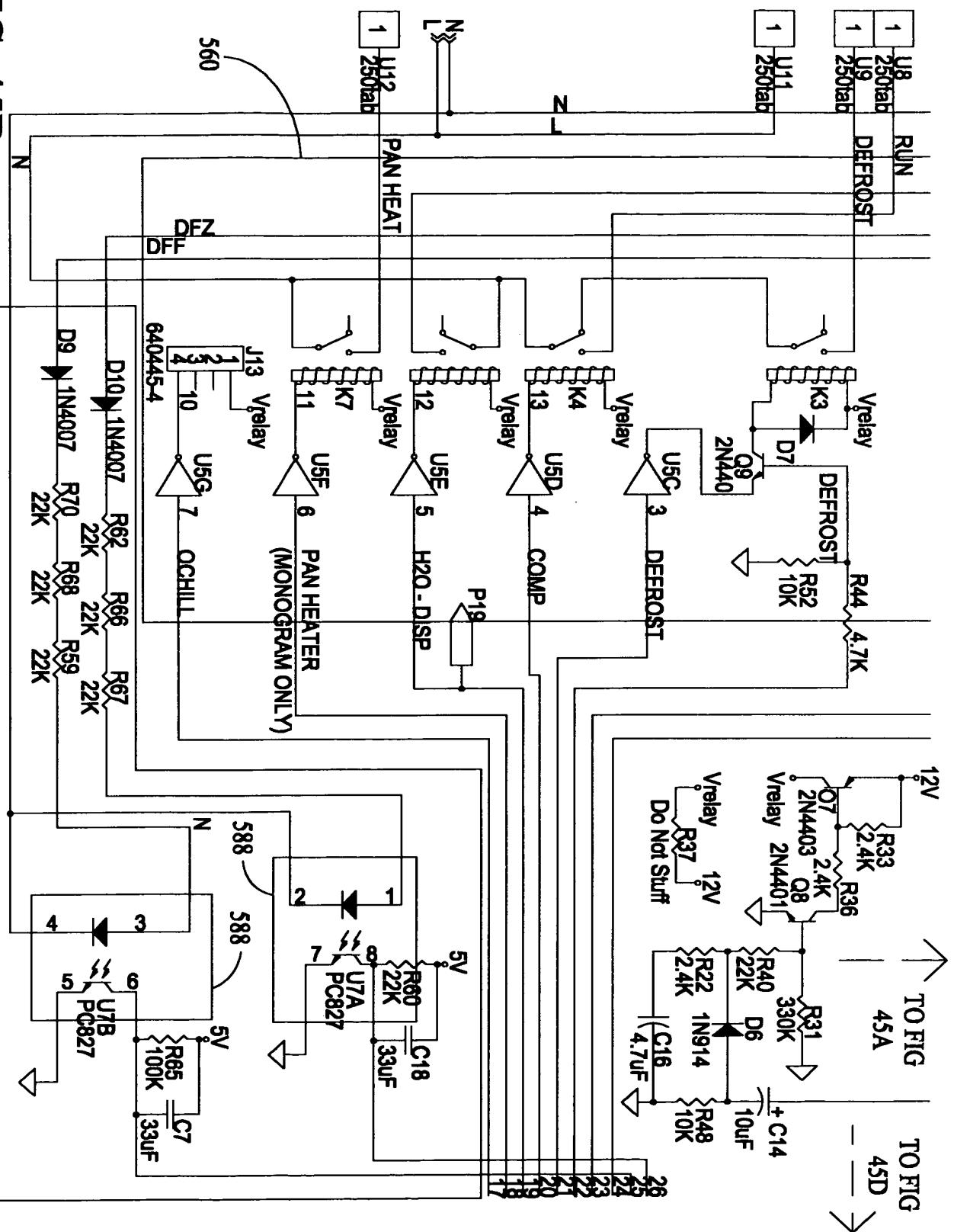




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FIG. 45B

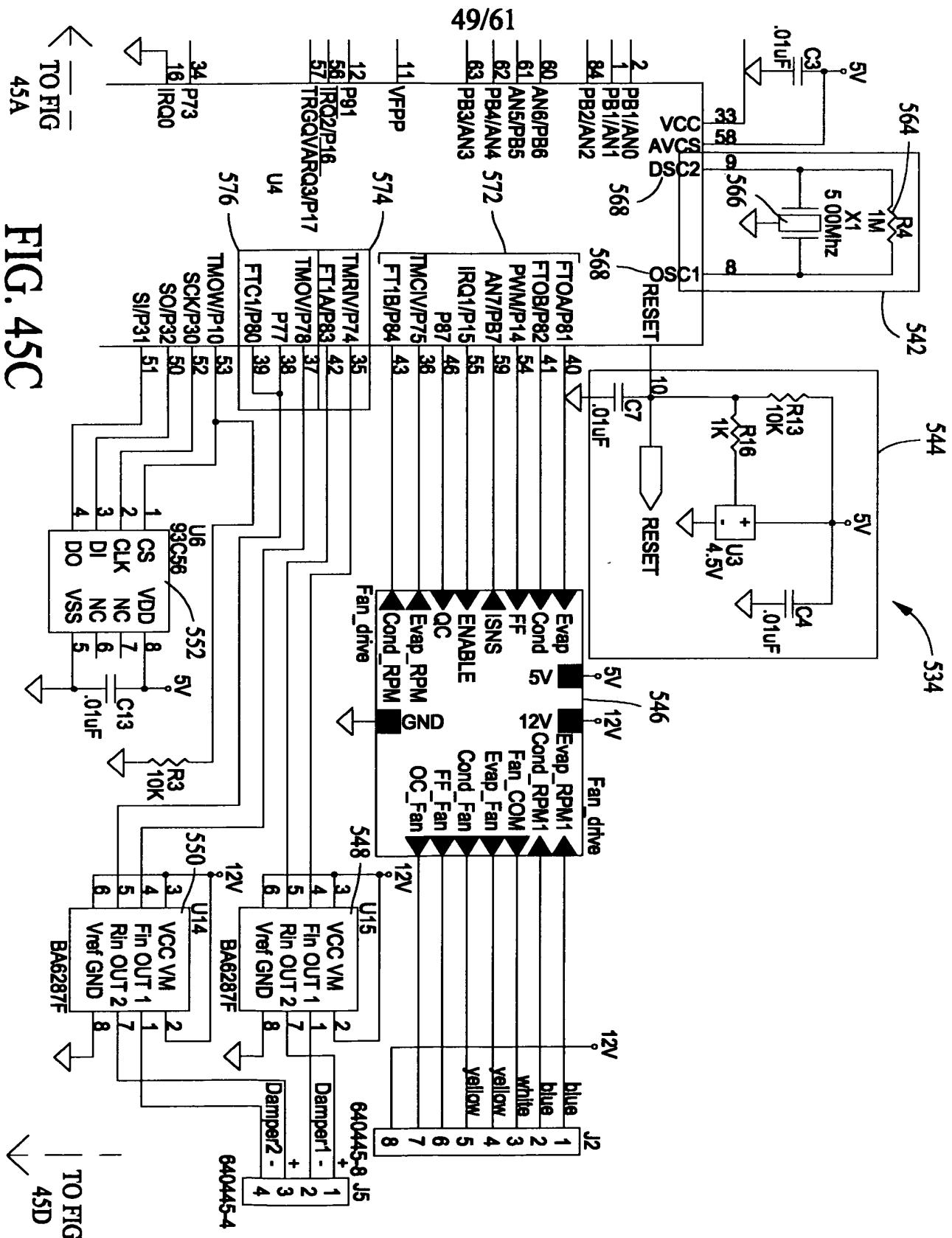
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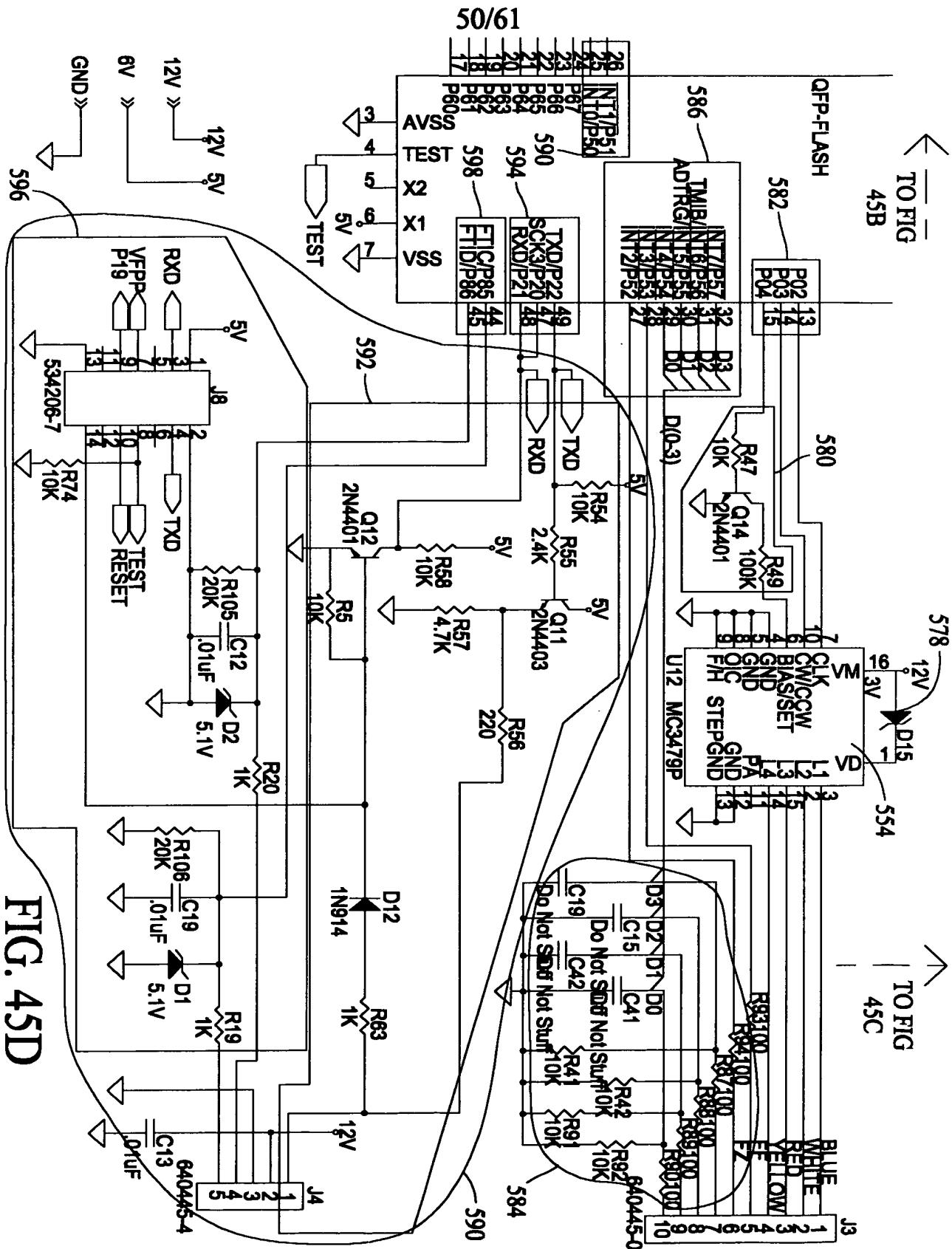
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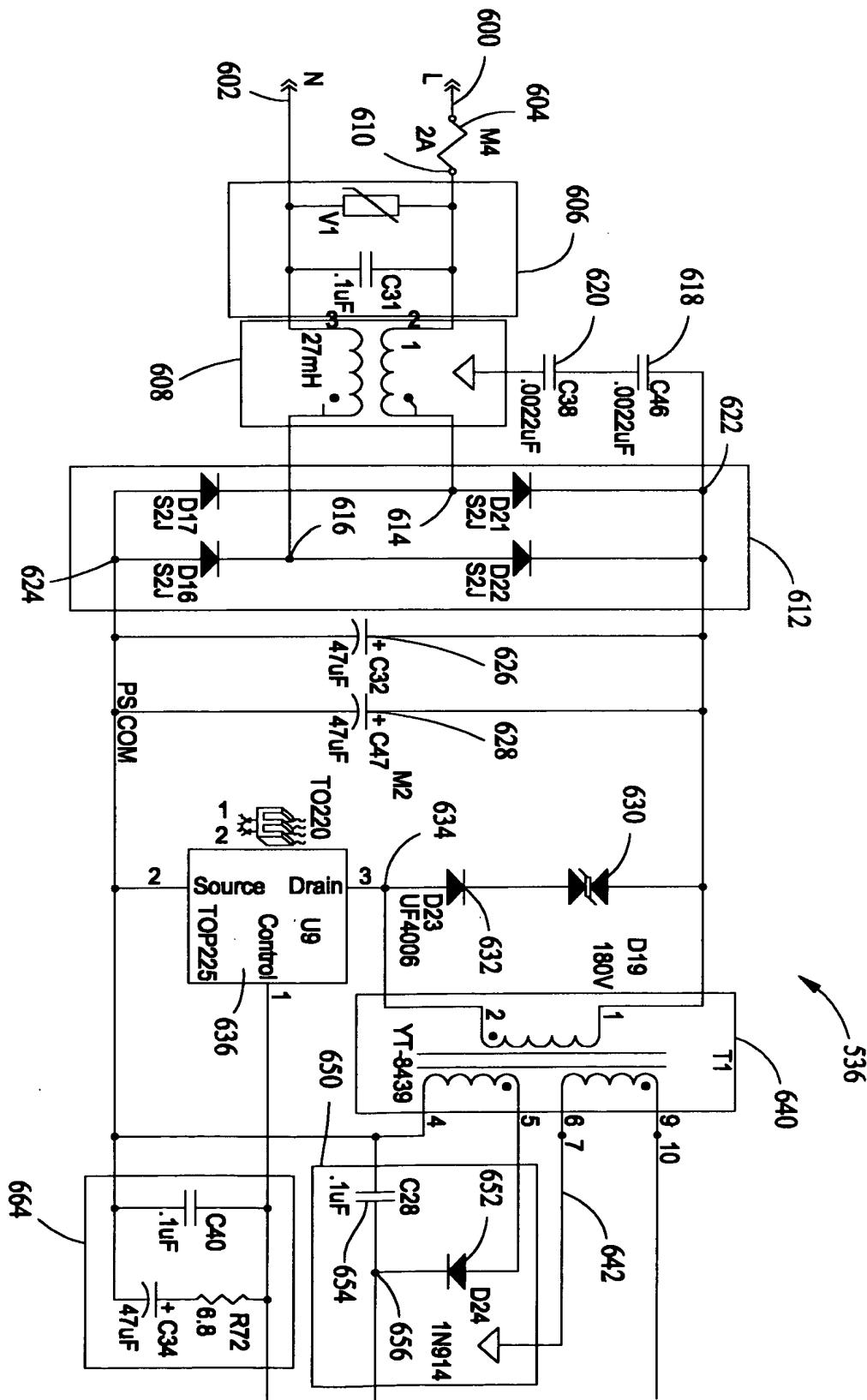


FIG. 45E



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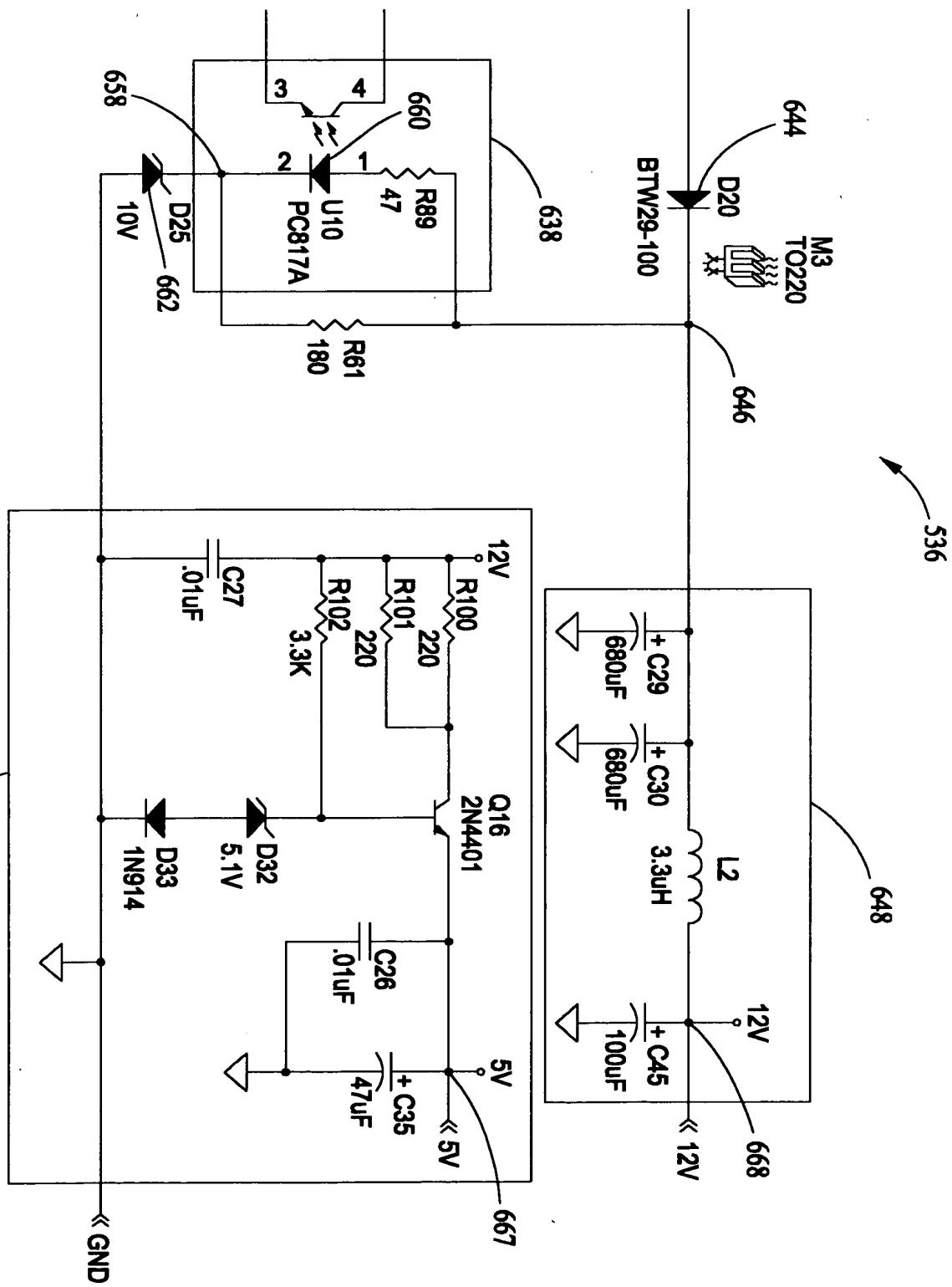


FIG. 45F



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Serial No.: 09/742,545

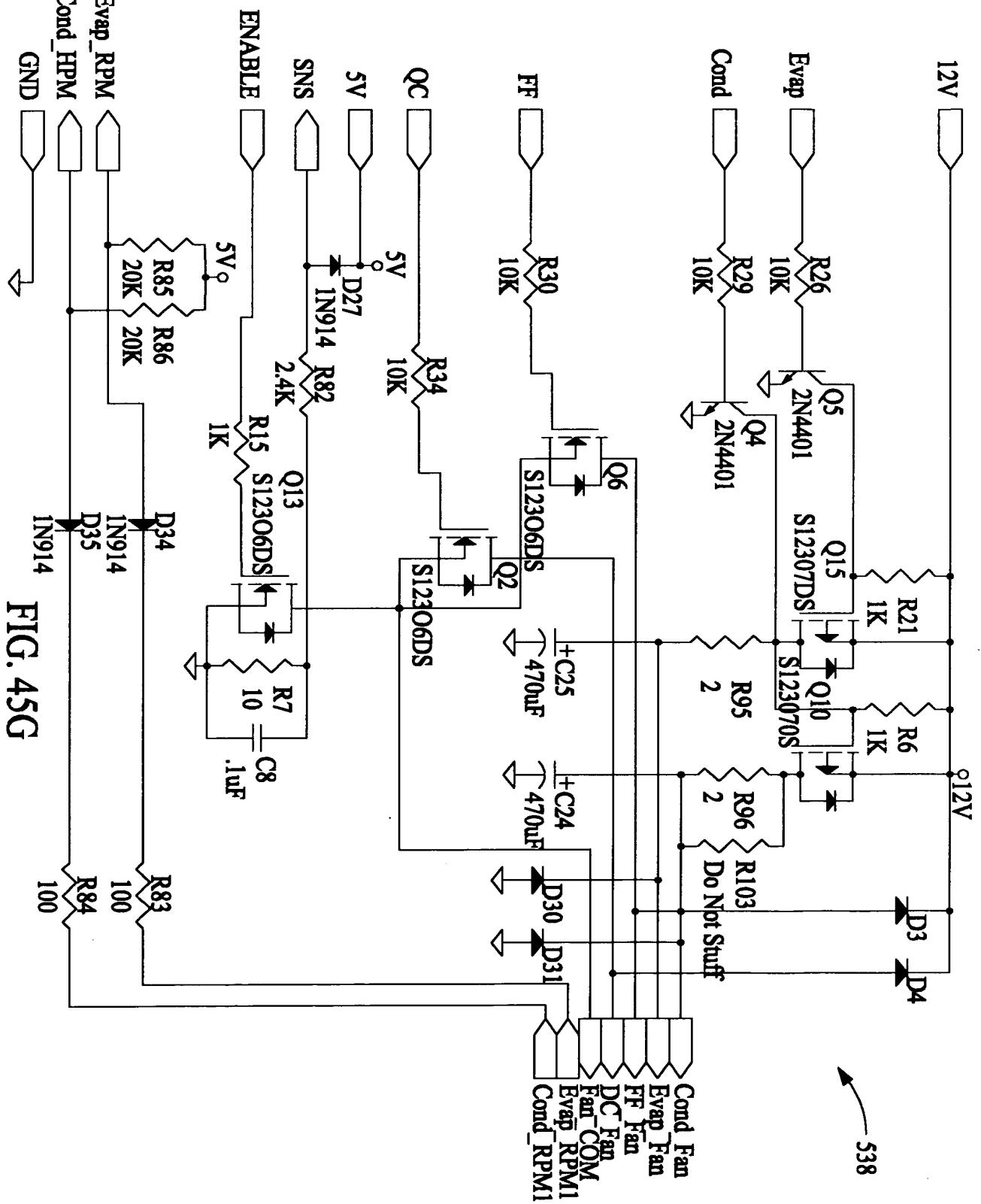
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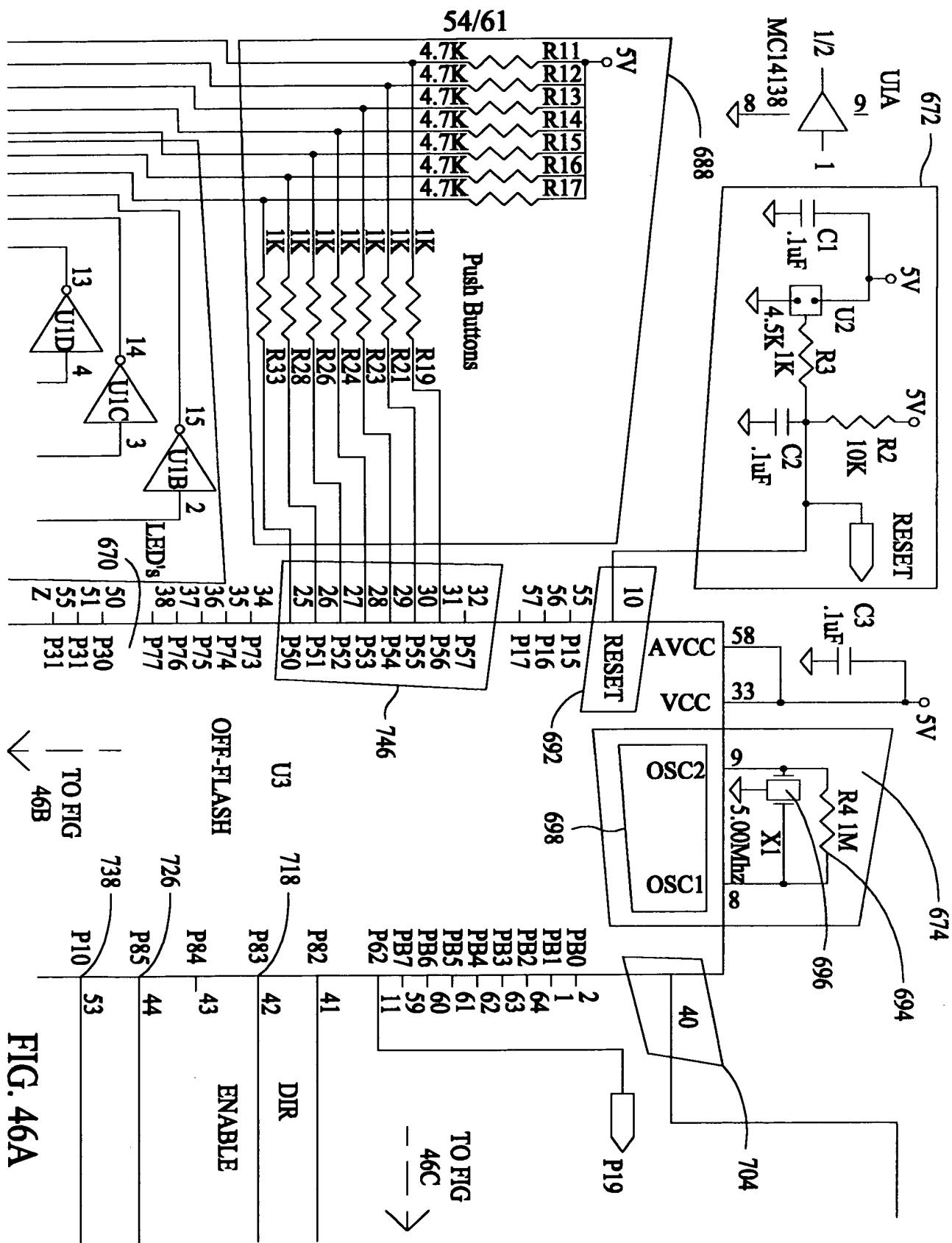
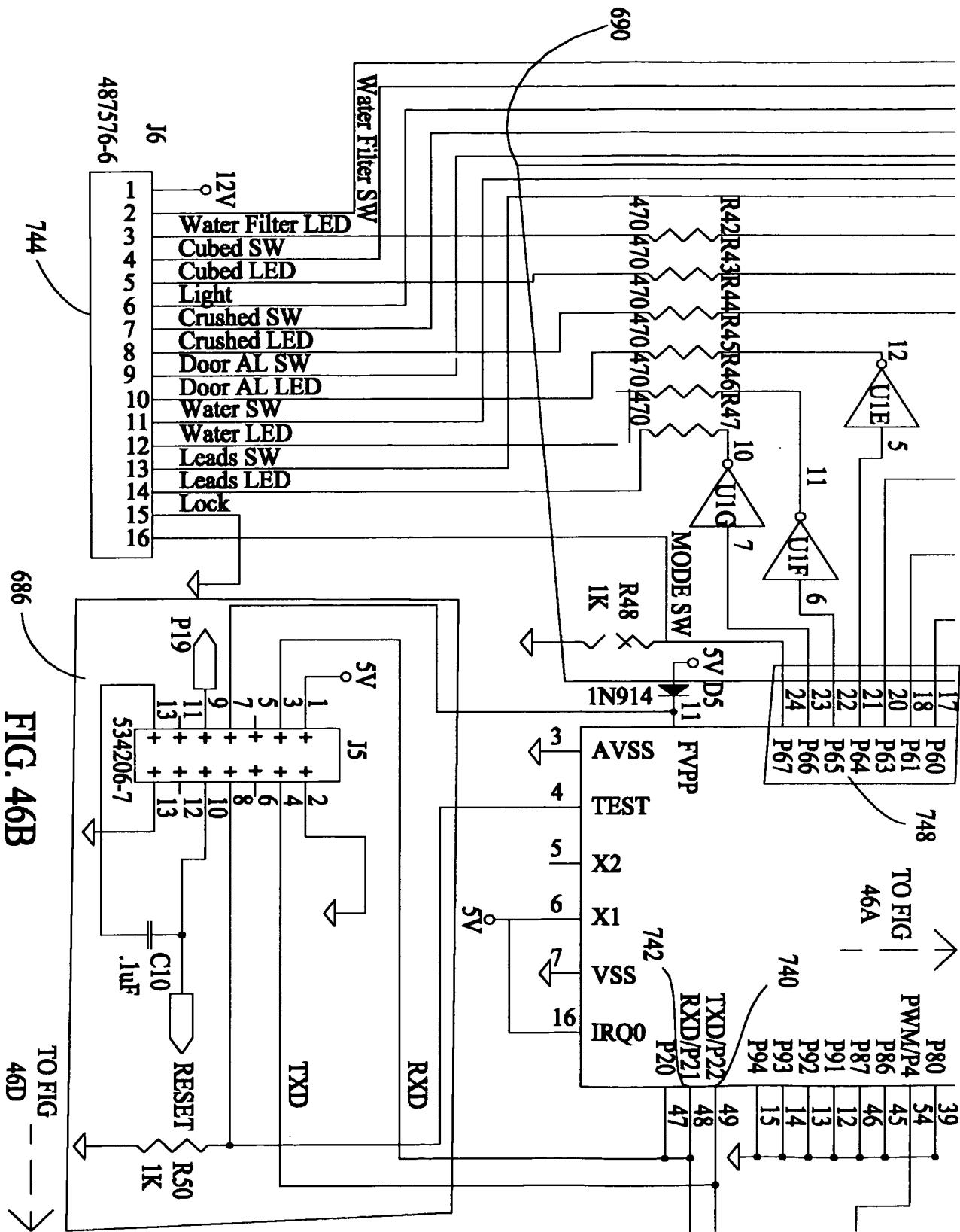


FIG. 46A



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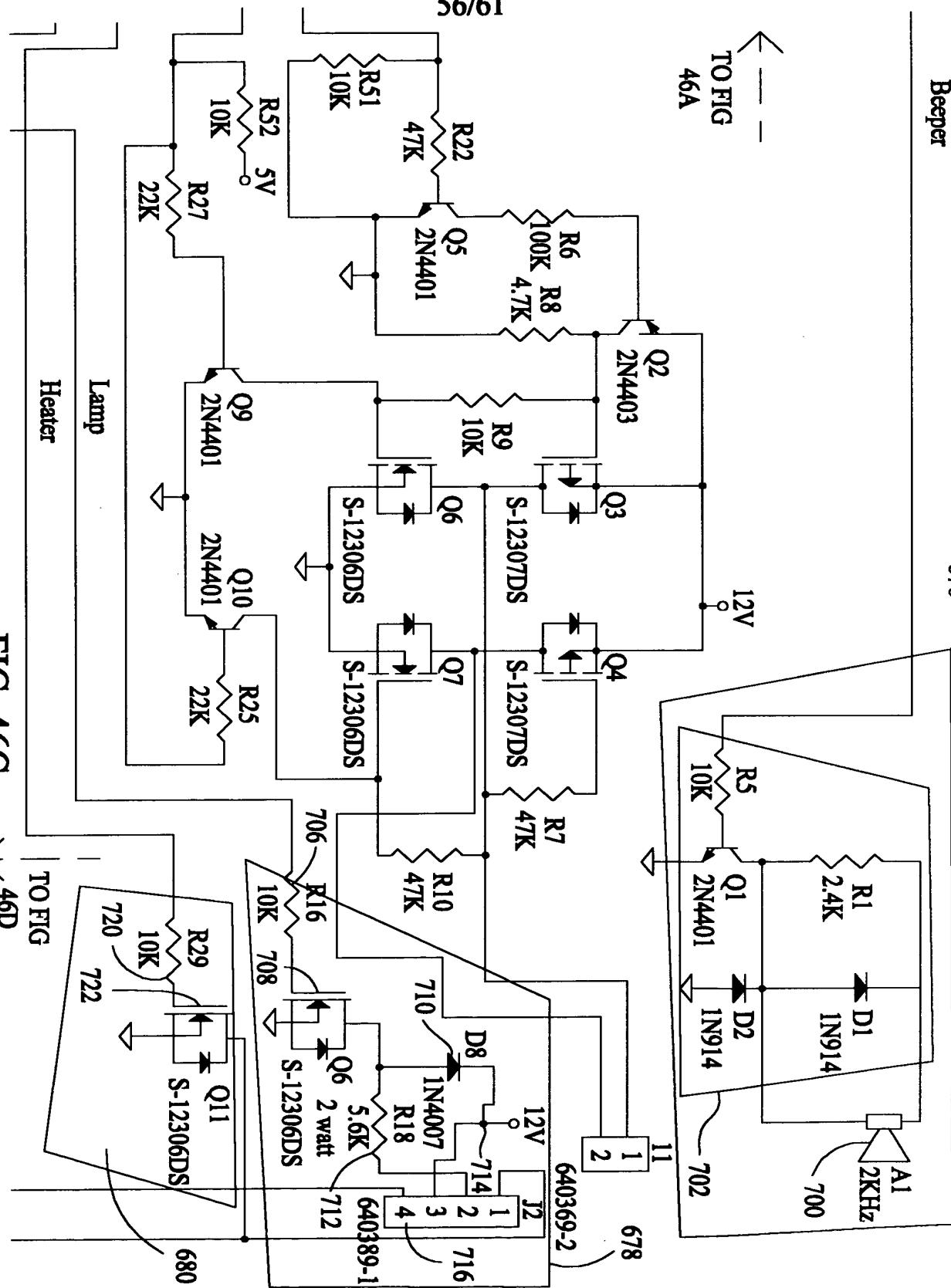
46A

## Beeper

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FIG. 46C

TO FIG



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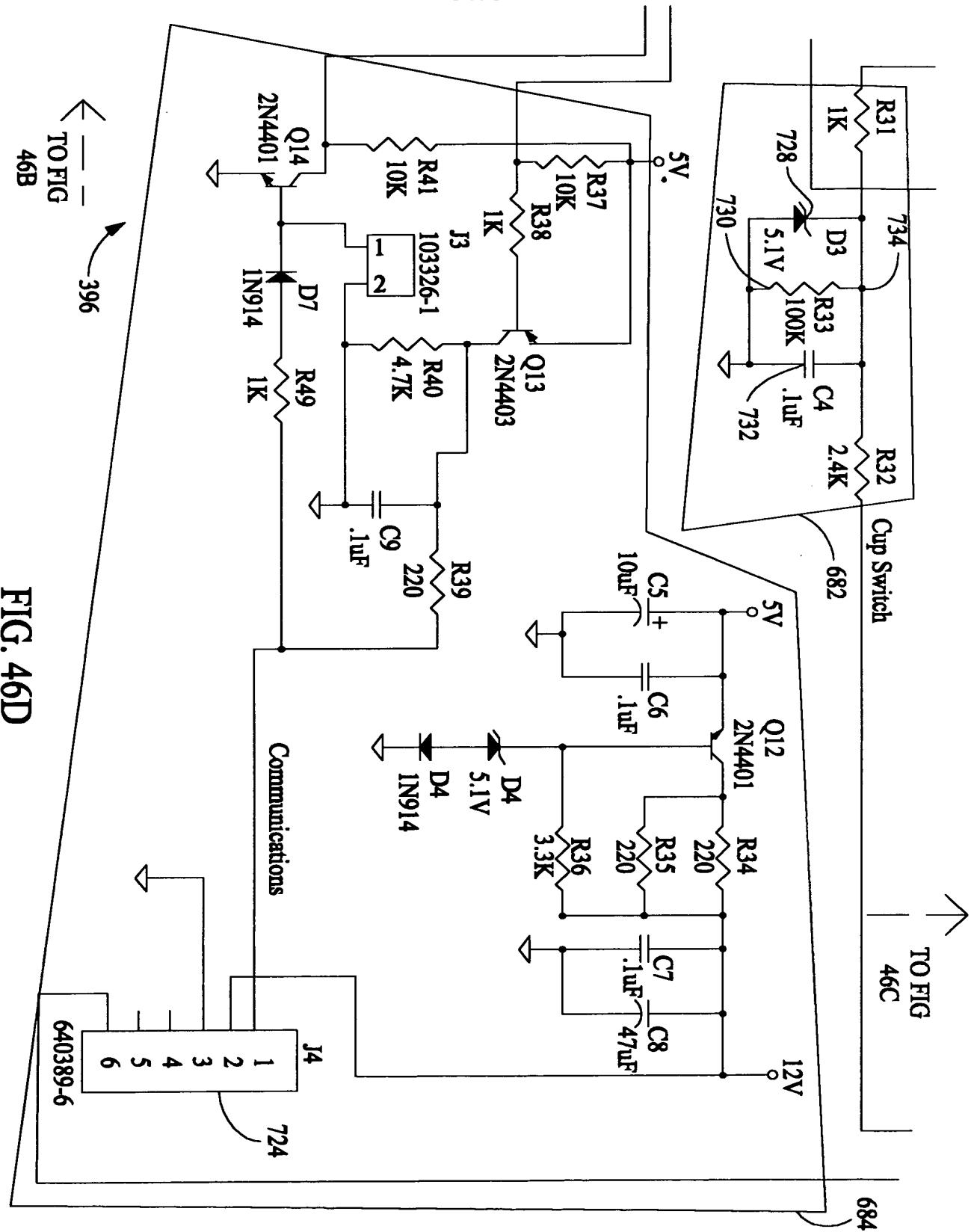
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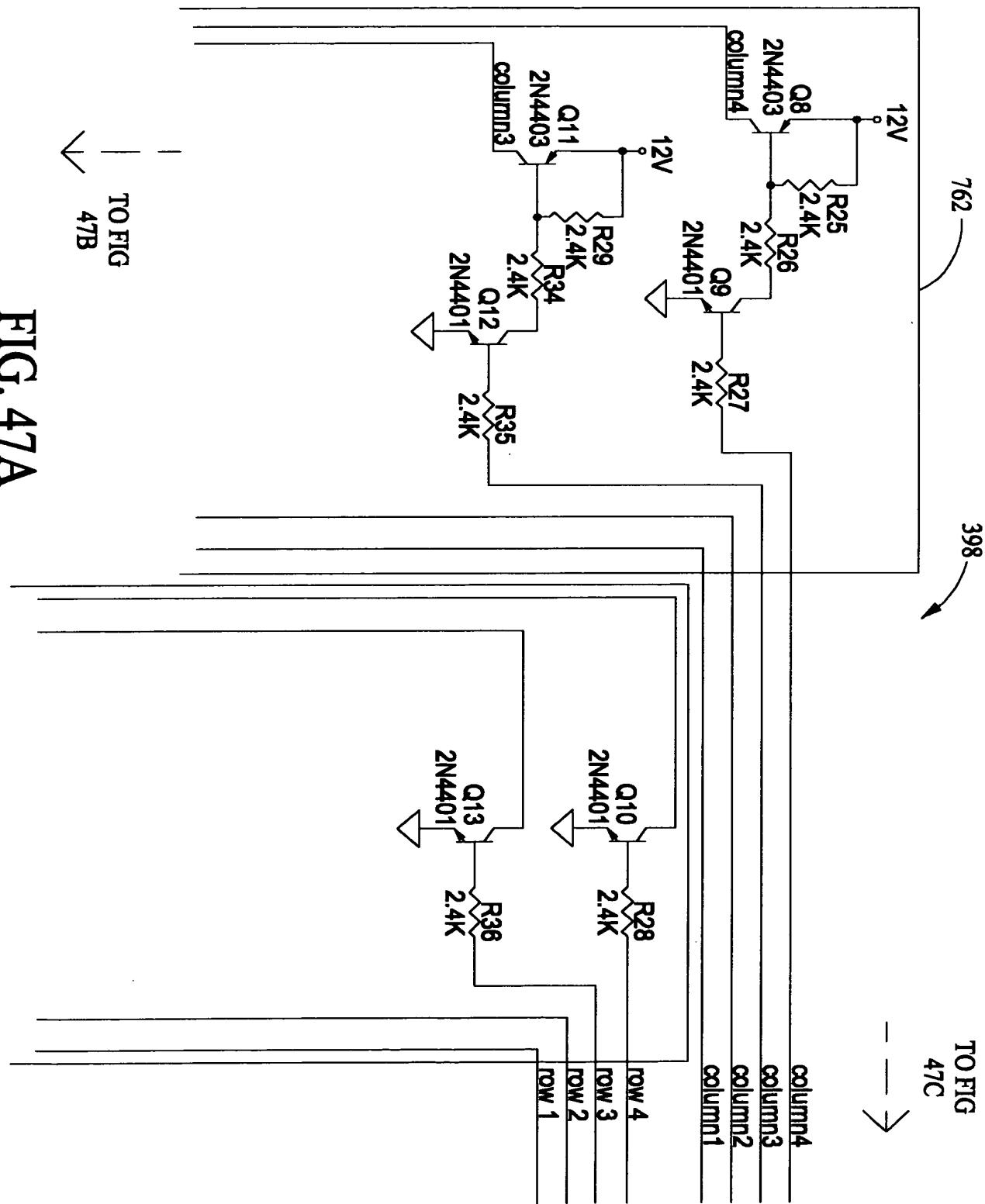


FIG. 47A



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90  
11111111090-  
17143211090-  
11111111090-

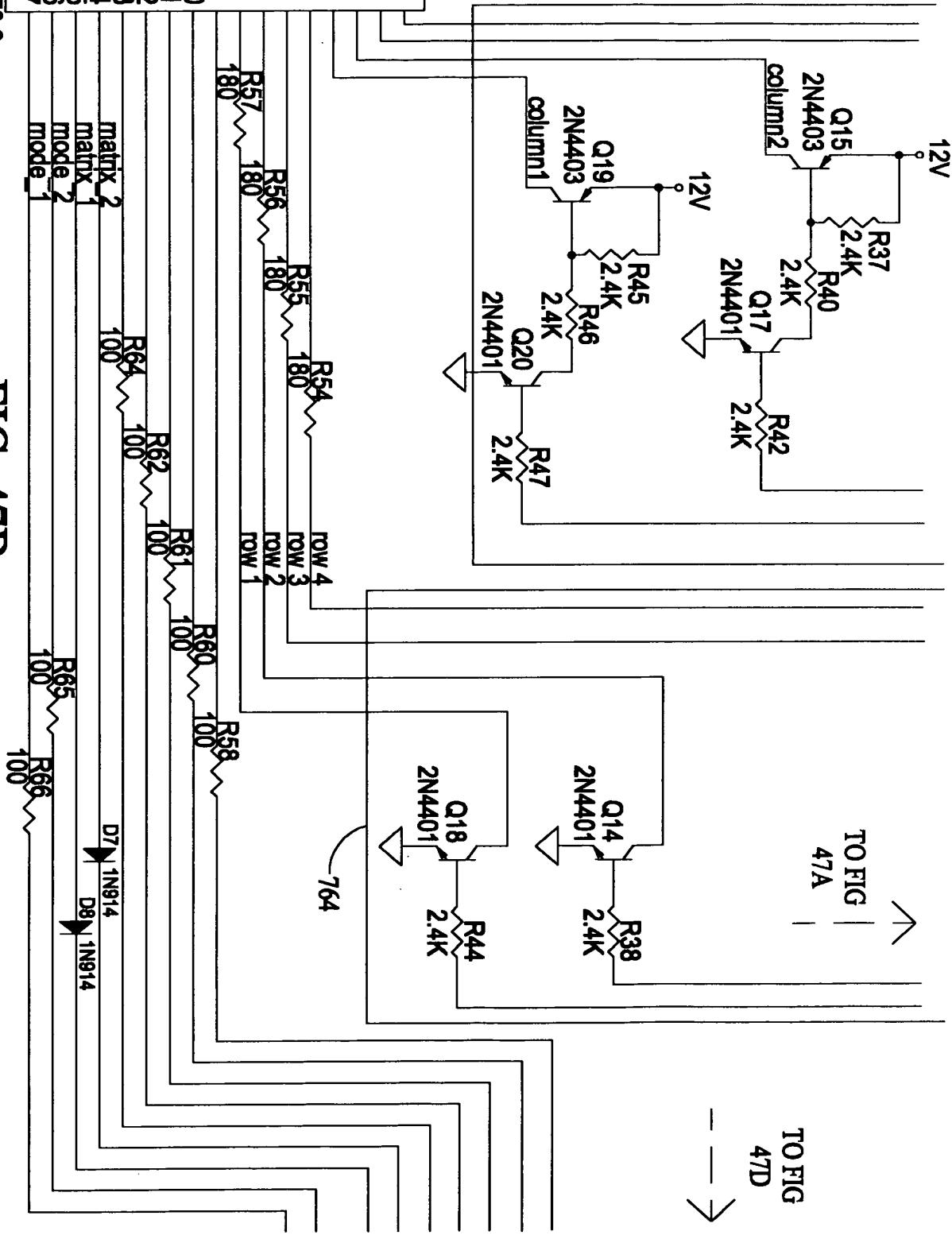


FIG. 47B



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St. Louis MO 63102 (314) 621-5070

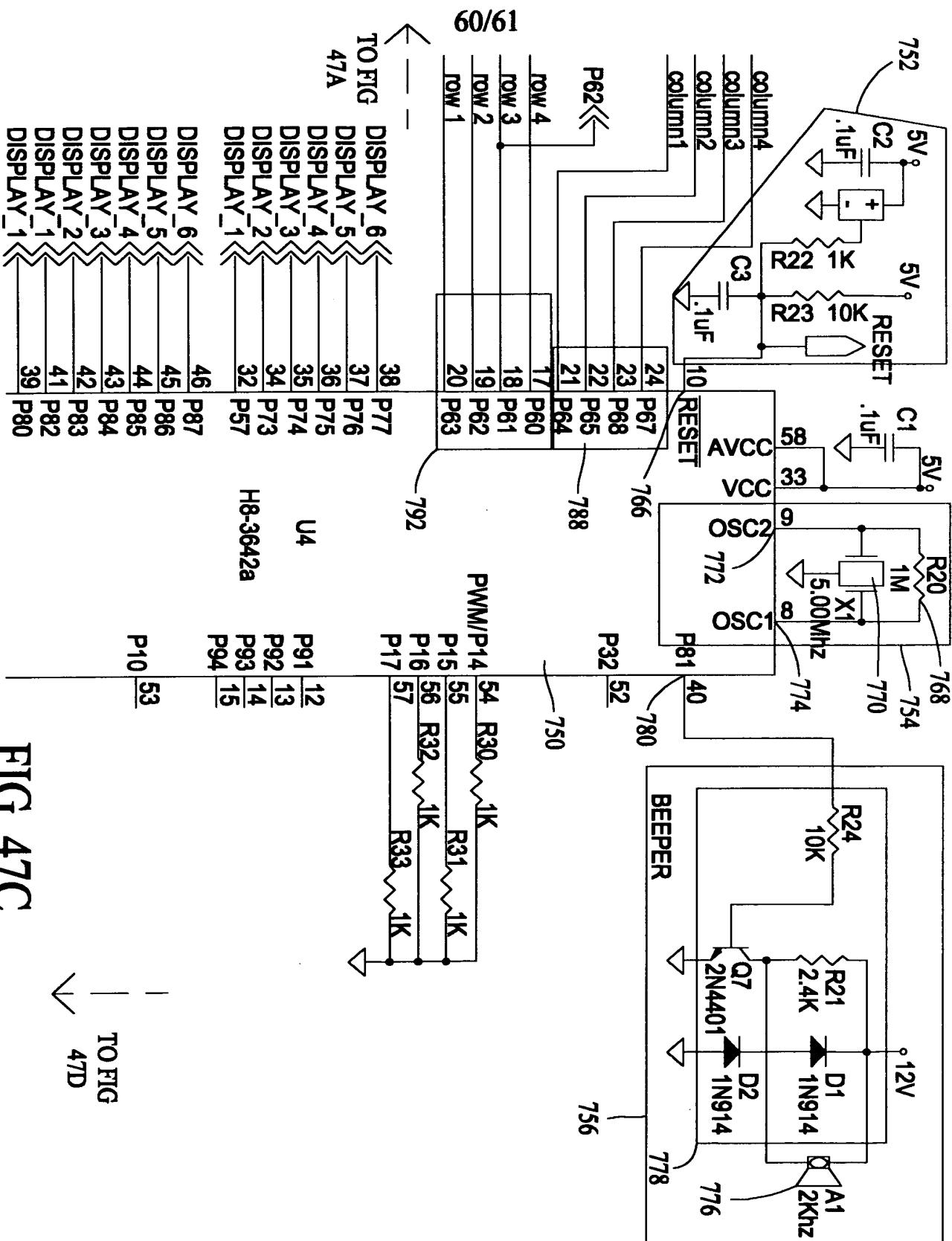


FIG. 47C



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